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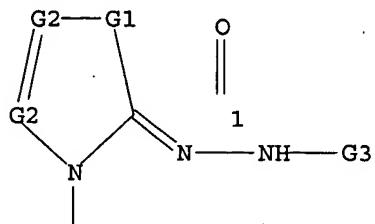
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FILE 'CPLUS' ENTERED AT 14:47:55 ON 09 APR 2007  
L4 1280 S L3  
L5 20 S L4 AND (KERATIN OR HAIR OR SILK OR WOOL)

=> d que 15 stat  
L1 STR



G1 O,S,N

G2 C,N

G3 SO2,H,[@1]

Structure attributes must be viewed using STN Express query preparation.

L3 2547 SEA FILE=REGISTRY SSS FUL L1  
L4 1280 SEA FILE=CPLUS ABB=ON PLU=ON L3  
L5 20 SEA FILE=CPLUS ABB=ON PLU=ON L4 AND (KERATIN OR HAIR OR  
SILK OR WOOL)

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L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:922185 CAPLUS

DN 1451320760

TI Heterocyclic hydrazone and quinone compositions for coloring

keratin fibers

IN Pasquier, Cecile; Duc-Reichlin, Nadia; Braun, Hans-Jurgen

PA The Procter &amp; Gamble Company, USA; Wella Aktien Gesellschaft

SO PCT Int. Appl., 30pp.

CODEN: PIXKD2

DT Patent

LA English

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

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PI WO 2006094217 A2 20060908 WO 2006-US7685 20060302

WO 2006094217 A3 20070308

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
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GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,  
HZ, NA, NG, NI, NO, N2, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,  
SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
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EP 1754514 A1 20070221 EP 2005-4620 20050303

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US 2007000073 A1 20070104 US 2006-366233 20060302

PRAI EP 2005-4620 A 20050303

OS MARPAT 1451320760

AB The present invention provides an agent for coloring keratin fibers which comprises at least one heterocyclic hydrazone derivative and at least one ortho-quinone of the formula or para-quinone of the formula and a method of coloring hair using this agent. A first component of a composition contained 3,4-dimethyl-2(3H)-thiazolone hydrazone-HCl and a second component contained 4,5-dimethoxy-3,5-cyclohexadiene-1,2-dione. This composition gave an intense red color to hair.

IT 3161-77-1 3316-70-9 21817-85-6

21817-86-7 21817-87-8 21817-88-9

21817-89-0 21817-90-3 21817-91-4

21817-92-5 21882-34-8 27893-83-0

27893-84-1 27893-86-3 27893-88-5

28029-80-3 28218-95-3 28219-33-2

33167-60-1 41339-01-9 64071-37-0

64071-38-1 67644-68-2 68746-04-3

68746-06-5 68746-10-1 68746-11-2

81402-80-4 111427-06-6 114252-53-8

138485-20-2 138485-21-9 138485-22-0

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L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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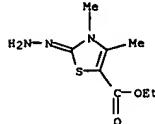
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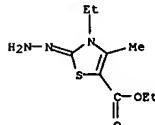
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RU: COS (cosmetic use); BIOL (biological study); USES (Uses)  
(heterocyclic hydrazone and quinone compns. for coloring  
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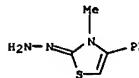
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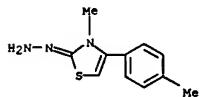
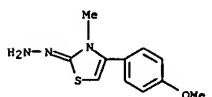
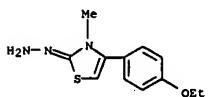
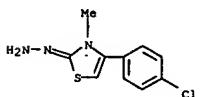
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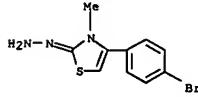
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L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

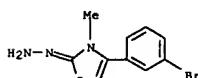
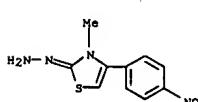
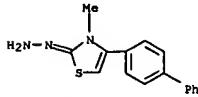
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INDEX NAME)RN 21817-88-9 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-ethoxyphenyl)-3-methyl-, hydrazone (9CI) (CA  
INDEX NAME)RN 21817-89-0 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA  
INDEX NAME)RN 21817-90-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX

L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

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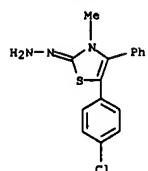


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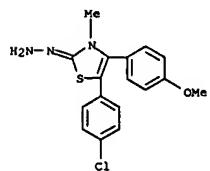
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NAME)RN 21882-34-8 CAPLUS  
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(CA INDEX NAME)

L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

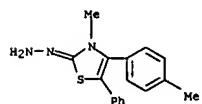
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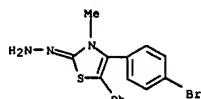
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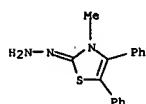
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L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

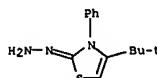
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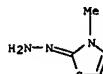
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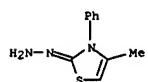
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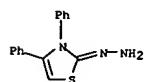
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L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

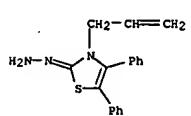
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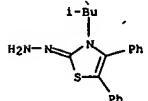
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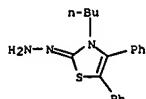
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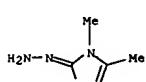
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L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

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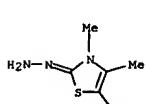


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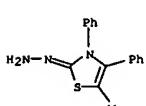
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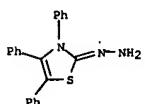


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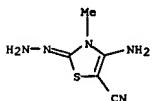
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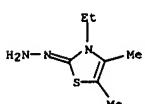
L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
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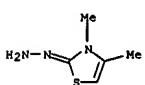
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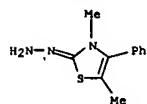


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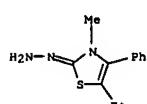


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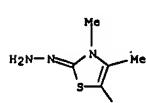
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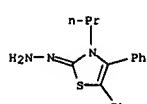
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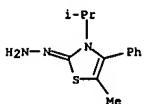


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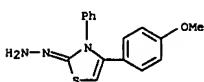


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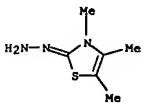
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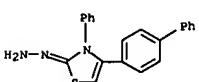
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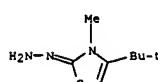


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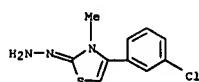


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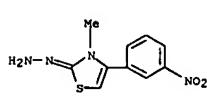
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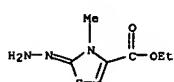
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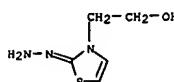
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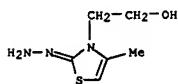
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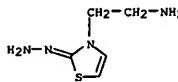
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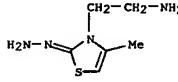
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 CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



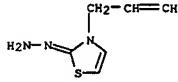
RN 753027-78-0 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-79-1 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



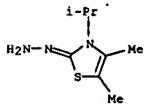
RN 753027-81-5 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



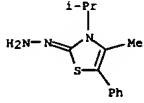
RN 753027-82-6 CAPLUS  
 CN 2(3H)-Thiazolone, 4-methyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

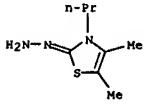
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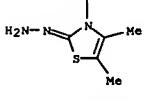
RN 909008-42-0 CAPLUS  
 CN 2(3H)-Thiazolone, 4-methyl-3-(1-methylethyl)-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 909008-45-3 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-dimethyl-3-propyl-, hydrazone (9CI) (CA INDEX NAME)



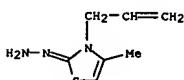
RN 909008-47-5 CAPLUS  
 CN 2(3H)-Thiazolone, 3-butyl-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



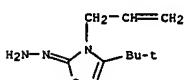
RN 909008-50-0 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(2-methylpropyl)-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

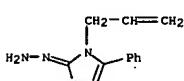
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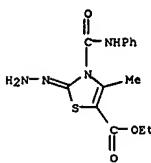
RN 753027-83-7 CAPLUS  
 CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-84-8 CAPLUS  
 CN 2(3H)-Thiazolone, 4-phenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



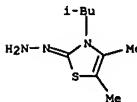
RN 753027-85-9 CAPLUS  
 CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-4-methyl-3-[ (phenylamino)carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)



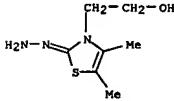
RN 909008-40-8 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(1-methylethyl)-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

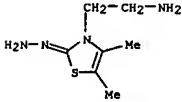
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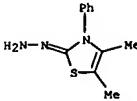
RN 909008-54-4 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 909008-61-3 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



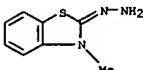
RN 909008-66-8 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-dimethyl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 909008-76-0 CAPLUS  
 CN 2(3H)-Thiazolone, 3,5-dimethyl-4-(phenylmethyl)-, hydrazone (9CI) (CA INDEX NAME)

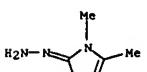


L5 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 [cationic heterocyclic azine dyes prep'd. by condensation of hydrazones  
 with heterocyclic aldehydes and alkylation for non-oxidative dyeing  
 keratin fibers, esp. hair]  
 RN 4338-98-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 114252-54-9 CAPLUS  
 CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

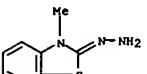
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

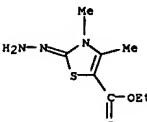
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 28219-33-2 28219-40-1 33167-57-6  
 33167-60-1 41339-01-9 51769-42-7  
 60448-01-3 64071-37-0 64071-38-1  
 64873-66-1 67644-68-2 67644-69-3  
 68746-10-1 68746-11-2 71176-53-3  
 76411-65-9 81402-80-4 94267-69-3  
 104410-33-3 108129-92-6 109126-25-2  
 109514-20-7 110226-87-4 110226-89-6  
 110274-77-6 111427-05-5 111427-06-6  
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 185454-77-7 200630-29-0 215249-36-8  
 382627-87-4 383411-41-4 676475-28-8  
 692250-45-6 718589-95-8 753027-71-3  
 753027-72-4 753027-75-7 753027-76-8  
 753027-77-9 753027-78-0 753027-79-1  
 753027-81-5 753027-82-6 753027-83-7  
 753027-84-8 753027-85-9 753027-86-0  
 753027-87-1 753027-88-2 753027-89-3  
 753027-90-6 753027-91-7 753027-92-8 753027-94-0 856415-54-8

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (oxidative hair dyes contg. heterocyclic hydrazone derivs.  
 and arom. enamines)

RN 1128-67-2 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 3161-77-1 CAPLUS  
 CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3,4-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 3316-70-9 CAPLUS  
 CN 5-Thiazolecarboxylic acid, 3-ethyl-2-hydrazone-2,3-dihydro-4-methyl-, ethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005588631 CAPLUS  
 DN 143-102802  
 TI Oxidative hair dyes containing heterocyclic hydrazone derivatives and aromatic enamines  
 IN Pasquier, Cecile; Buclin, Veronique; Kiener, Caroline; Duc-Reichlin, Nadja; Braun, Hans-Juergen  
 PA Sella Aktiengesellschaft, Germany  
 SO Pct Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

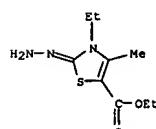
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005060928	A1	20050707	WO 2004-EP12942	20041115
W: AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, T2, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BU, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10358878	A1	20050721	DE 2003-10358878	20031216
EP 1699427	A1	20060913	EP 2004-797906	20041115
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
US 2004-EP12942	A1	20070329	US 2006-579926	20060519
PRAI DS 2003-10358878	A	20031216		
WO 2004-EP12942	W	20041115		

OS MARPAT 143-102802

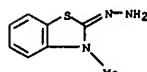
AB The invention concerns ready-to-use oxidative hair dyes composed of (i) heterocyclic hydrazone; (ii) aromatic enamines or their acid addition salts; (iii) oxidizing agents. Optionally, direct dyes can be added. The invention also relates to a multicomponent kit and to a method for dying hair. Thus 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride synthesized starting from 4-methyl-3-thiosemicarbazide and chloroacetone. Component A of a hair dye composition contained (g): decylpolyglucose 50% aqueous solution 4.00; EDTA disodium hydrate 0.20; ethanol 5.00; 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride 0.43; water to 100. Component B included (g) 1,2,3,3-tetramethyl-3H-indolium-hydrogen sulfate 0.68; potassium persulfate.

IT 1128-67-2 3161-77-1 3316-70-9  
 4338-98-1 15315-48-7 20065-04-7  
 20065-05-8 20065-06-9 20125-57-9  
 21817-85-6 21817-86-7 21817-87-8  
 21817-88-9 21817-89-0 21817-90-3  
 21817-91-4 21817-92-5 21882-34-8  
 27893-83-0 27893-84-1 27893-86-3  
 27893-88-5 28029-80-3 28218-89-5

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

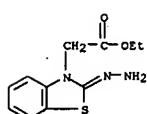


RN 4338-98-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)

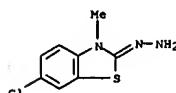


● HCl

RN 15315-48-7 CAPLUS  
 CN 3(2H)-Benzothiazoleacetic acid, 2-hydrazone-, ethyl ester (9CI) (CA INDEX NAME)



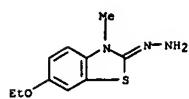
RN 20065-04-7 CAPLUS  
 CN 2(3H)-Benzothiazolone, 6-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



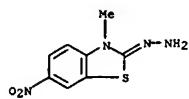
RN 20065-05-8 CAPLUS  
 CN 2(3H)-Benzothiazolone, 6-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

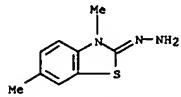
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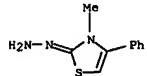
RN 20065-06-9 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-6-nitro-, hydrazone (9CI) (CA INDEX NAME)



RN 20125-57-9 CAPLUS  
CN 2(3H)-Benzothiazolone, 3,6-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



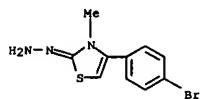
RN 21817-85-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)



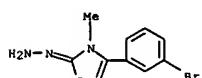
RN 21817-86-7 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

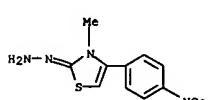
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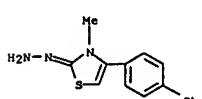
RN 21817-91-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-92-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-nitrophenyl)-, hydrazone (9CI) (CA INDEX NAME)



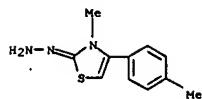
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CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-4-yl-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



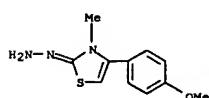
RN 27893-83-0 CAPLUS  
CN 2(3H)-Thiazolone, 5-(4-chlorophenyl)-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

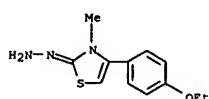
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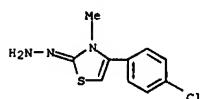
RN 21817-87-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-88-9 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-ethoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



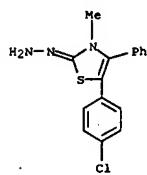
RN 21817-89-0 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



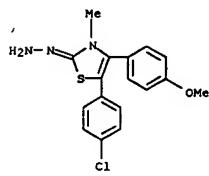
RN 21817-90-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

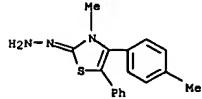
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RN 27893-84-1 CAPLUS  
CN 2(3H)-Thiazolone, 5-(4-chlorophenyl)-4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



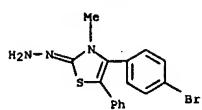
RN 27893-86-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



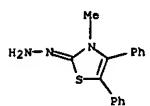
RN 27893-88-5 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

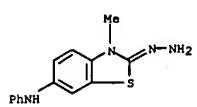
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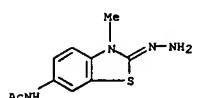
RN 28029-80-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28218-89-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-6-(phenylamino)-, hydrazone (9CI) (CA INDEX NAME)

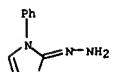


RN 28218-90-8 CAPLUS  
CN Acetamide, N-(2-hydrazone-2,3-dihydro-3-methyl-6-benzothiazolyl)- (9CI) (CA INDEX NAME)

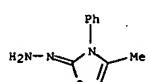


RN 28218-93-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-ethyl-, hydrazone (9CI) (CA INDEX NAME)

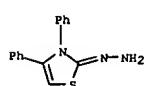
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



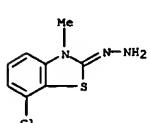
RN 33167-60-1 CAPLUS  
CN 2(3H)-Thiazolone, 4-methyl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



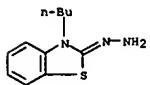
RN 41339-01-9 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



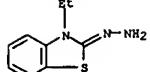
RN 51769-42-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



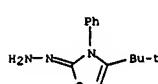
RN 60448-01-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-butyl-, hydrazone (9CI) (CA INDEX NAME)



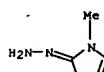
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



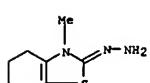
RN 28218-95-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-33-2 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)

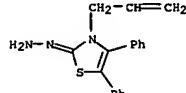


RN 28219-40-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 4,5,6,7-tetrahydro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

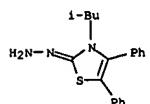


RN 33167-57-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

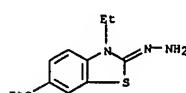
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 64071-37-0 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-diphenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

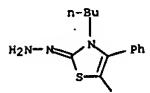
RN 64071-38-1 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-methylpropyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 64873-66-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-ethoxy-3-ethyl-, hydrazone (9CI) (CA INDEX NAME)



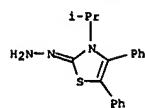
RN 67644-68-2 CAPLUS  
CN 2(3H)-Thiazolone, 3-butyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



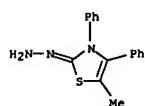
RN 67644-69-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-(1-methylethyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

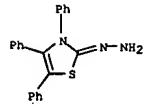
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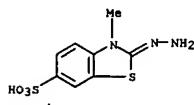
RN 68746-10-1 CAPLUS  
CN 2(3H)-Thiazolone, 5-methyl-3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 68746-11-2 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-triphenyl-, hydrazone (9CI) (CA INDEX NAME)



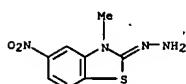
RN 71176-53-9 CAPLUS  
CN 6-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI)  
(CA INDEX NAME)



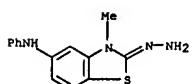
RN 76411-65-9 CAPLUS  
CN Naphtho[2,3-d]thiazol-2(3H)-one, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

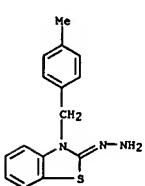
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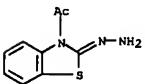
RN 109126-25-2 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-(phenylamino)-, hydrazone (9CI) (CA INDEX NAME)



RN 109514-20-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-[(4-methylphenyl)methyl]-, hydrazone (9CI) (CA INDEX NAME)



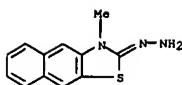
RN 110226-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-acetyl-, 2-hydrazone (9CI) (CA INDEX NAME)



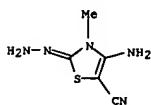
RN 110226-89-6 CAPLUS  
CN 3(2H)-Benzothiazolecarboxaldehyde, 2-hydrazone- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

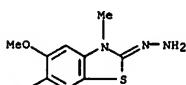
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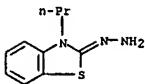
RN 81402-80-4 CAPLUS  
CN 5-Thiazolecarbonitrile, 4-amino-2-hydrazone-2,3-dihydro-3-methyl- (9CI)  
(CA INDEX NAME)



RN 94267-69-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 5,6-dimethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



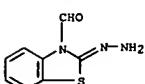
RN 104410-33-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-propyl-, hydrazone (9CI) (CA INDEX NAME)



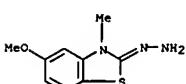
RN 108129-92-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-nitro-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

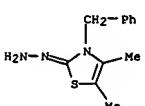
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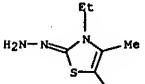
RN 110274-77-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 5-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 111427-05-5 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(phenylmethyl)-, hydrazone (9CI) (CA INDEX NAME)



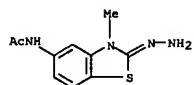
RN 111427-06-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-ethyl-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 114098-30-5 CAPLUS  
CN Acetamide, N-(2-hydrazone-2,3-dihydro-3-methyl-5-benzothiazolyl)- (9CI)  
(CA INDEX NAME)

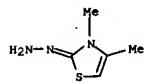
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

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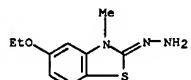
RN 114252-53-8 CAPLUS

CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



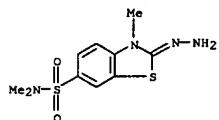
RN 117043-63-7 CAPLUS

CN 2(3H)-Benzothiazolone, 5-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 130252-23-2 CAPLUS

CN 6-Benzothiazolesulfonamide, 2-hydrazone-2,3-dihydro-N,N,3-trimethyl-(9CI) (CA INDEX NAME)

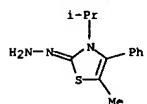


RN 138485-20-8 CAPLUS

CN 2(3H)-Thiazolone, 3,5-dimethyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

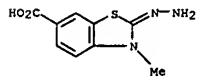
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

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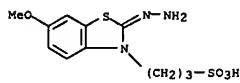
RN 185454-77-7 CAPLUS

CN 6-Benzothiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



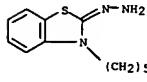
RN 200630-28-0 CAPLUS

CN 3(2H)-Benzothiazolepropanesulfonic acid, 2-hydrazone-6-methoxy- (9CI) (CA INDEX NAME)



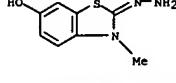
RN 215249-36-8 CAPLUS

CN 2(3H)-Benzothiazolone, 3-hexyl-, hydrazone (9CI) (CA INDEX NAME)



RN 382627-87-4 CAPLUS

CN 2(3H)-Benzothiazolone, 6-hydroxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

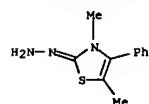


RN 383411-41-4 CAPLUS

CN 6-Benzothiazolesulfonamide, 2-hydrazone-2,3-dihydro-3-(2-hydroxyethyl)-

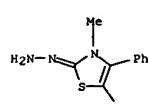
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

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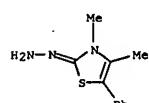
RN 138485-21-9 CAPLUS

CN 2(3H)-Thiazolone, 5-ethyl-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)



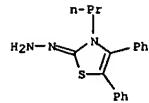
RN 138485-22-0 CAPLUS

CN 2(3H)-Thiazolone, 3,4-dimethyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 139262-46-7 CAPLUS

CN 2(3H)-Thiazolone, 4,5-diphenyl-3-propyl-, hydrazone (9CI) (CA INDEX NAME)

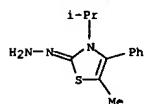


RN 157559-65-4 CAPLUS

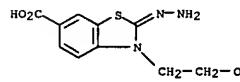
CN 2(3H)-Thiazolone, 5-methyl-3-(1-methylethyl)-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

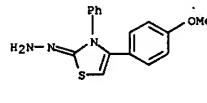


L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



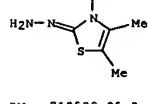
RN 676475-28-8 CAPLUS

CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



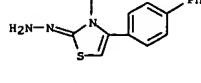
RN 692250-45-6 CAPLUS

CN 2(3H)-Thiazolone, 3,4,5-trimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 718589-95-8 CAPLUS

CN 2(3H)-Thiazolone, 4-(1,1'-biphenyl)-4-yl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

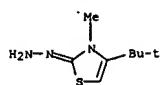


RN 753027-71-3 CAPLUS

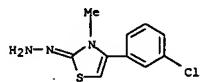
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

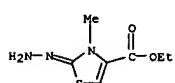
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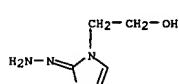
RN 753027-72-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-75-7 CAPLUS  
CN 4-Thiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)

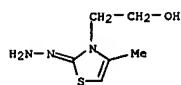


RN 753027-76-8 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

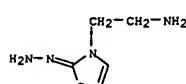


RN 753027-77-9 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)

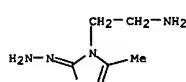
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



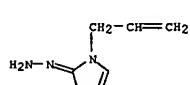
RN 753027-78-0 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-79-1 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)

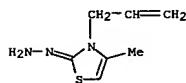


RN 753027-81-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

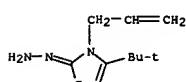


RN 753027-82-6 CAPLUS  
CN 2(3H)-Thiazolone, 4-methyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

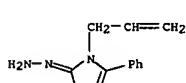
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



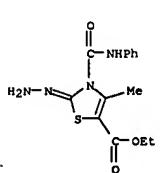
RN 753027-83-7 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-84-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-phenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

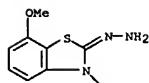


RN 753027-85-9 CAPLUS  
CN 5-Thiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-4-methyl-3-[(phenylamino)carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

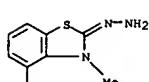


RN 753027-86-0 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

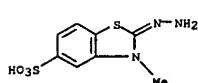
L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



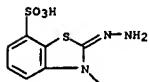
RN 753027-87-1 CAPLUS  
CN 4-Benzothiazolesulfonic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



RN 753027-88-2 CAPLUS  
CN 5-Benzothiazolesulfonic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



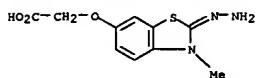
RN 753027-89-3 CAPLUS  
CN 7-Benzothiazolesulfonic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



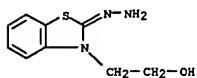
RN 753027-90-6 CAPLUS  
CN Acetic acid, [(2-hydrazono-2,3-dihydro-3-methyl-6-benzothiazolyl)oxy]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

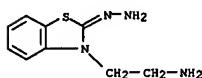
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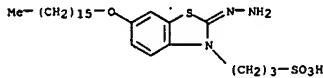
RN 753027-91-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)



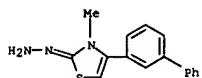
RN 753027-92-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-94-0 CAPLUS  
CN 3(2H)-Benzothiazolepropanesulfonic acid, 6-(hexadecyloxy)-2-hydrazone- (9CI) (CA INDEX NAME)



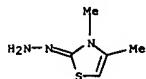
RN 856415-54-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-3-yl-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

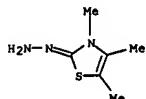
IT 68746-04-3P 68746-06-5P  
RL: COS (Cosmetic use); PRP (Properties); SPN (Synthetic preparation);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(oxidative hair dyes containing heterocyclic hydrazone derivs.  
and aromatic enamines)

RN 68746-04-3 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

RN 68746-06-5 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-trimethyl-, hydrazone, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005-588629 CAPLUS

DN 143:102801

TI Oxidative hair dyes containing heterocyclic hydrazone derivatives

IN Pasquier, Cecile; Buclin, Veronique; Kiener, Caroline; Duc-Reichlin, Nadja; Braun, Hans-Juergen

PA Wella Aktiengesellschaft, Germany

SO PCT Int. Appl., 43 pp.

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005060927	A1	20050707	WO 2004-EP12941	20041115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MM, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10358883	A1	20050721	DE 2003-10358883	20031216
EP 1699426	A1	20060913	EP 2004-797905	20041115
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
PRAI 2003-10358883	A	20031216		
WO 2004-EP12941	W	20041115		

OS MARPAT 143:102801

AB The invention concerns oxidative hair dyes composed of (i) heterocyclic hydrazone derivs.; (ii) CH-active compds.; (iii) oxidizing agents. Optionally, direct dyes can be added. Thus 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride synthesized starting from 4-methyl-3-thiosemicarbazide and chloroacetone. Component A of a hair dye composition contained (g): decylpolyglucose 50% aqueous solution 4.00; EDTA disodium hydrate 0.20; ethanol 5.00; 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride 0.43; water to 100. Component B included (g): thiobarbituric acid 0.36; potassium persulfate 0.40.

IT 1128-67-2 3316-70-9 15315-48-7

20065-04-7 20065-05-8 20065-06-9

20125-57-9 21817-85-6 21817-86-7

21817-87-8 21817-88-9 21817-89-0

21817-90-3 21817-91-4 21882-34-8

27893-83-0 27893-84-1 27893-86-3

27893-88-0 28029-80-3 28218-89-5

28218-90-0 28218-93-1 28218-95-3

28219-33-2 28219-40-1 33167-57-6

33167-60-1 41339-01-9 51769-42-7

60448-01-3 64071-37-0 64071-38-1

64873-66-1 67644-68-2 67644-69-3

68746-10-1 68746-11-2 71176-53-9

76411-65-9 81402-80-4 94267-69-3

104410-33-5 108129-92-6 109126-25-2

109514-20-7 110226-87-4 110226-89-6

110274-77-6 111427-05-5 111427-06-6

114098-30-5 114252-53-8 117043-63-7

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

130252-23-2 138485-20-8 138485-21-9

138485-22-2 139262-46-7 157559-65-4

185454-77-7 200630-28-0 215249-36-8

382627-87-7 383411-41-0 676475-28-8

692250-45-5 718589-95-8 753027-71-3

753027-72-4 753027-73-5 753027-75-7

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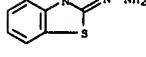
753027-89-3 753027-90-6 753027-91-7

753027-92-8 753027-94-0

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
(oxidative hair dyes contg. heterocyclic hydrazone derivs.)

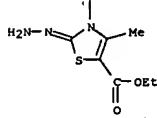
RN 1128-67-2 CAPLUS

CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



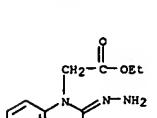
RN 3316-70-9 CAPLUS

CN 5-Thiazolecarboxylic acid, 3-ethyl-2-hydrazone-2,3-dihydro-4-methyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 15315-48-7 CAPLUS

CN 3(2H)-Benzothiazoleacetic acid, 2-hydrazone-, ethyl ester (9CI) (CA INDEX NAME)

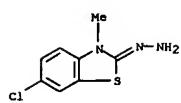


RN 20065-04-7 CAPLUS

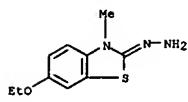
CN 2(3H)-Benzothiazolone, 6-chloro-3-methyl-, hydrazone (9CI) (CA INDEX)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

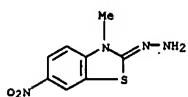
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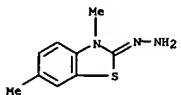
RN 20065-05-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 20065-06-9 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-6-nitro-, hydrazone (9CI) (CA INDEX NAME)



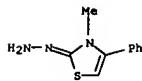
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CN 2(3H)-Benzothiazolone, 3,6-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



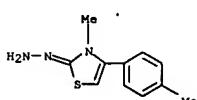
RN 21817-85-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

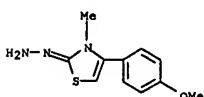
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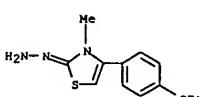
RN 21817-86-7 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-87-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

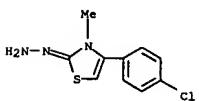


RN 21817-88-9 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-ethoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

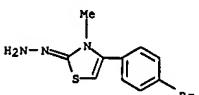


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CN 2(3H)-Thiazolone, 4-(4-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

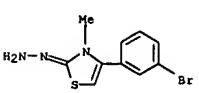
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



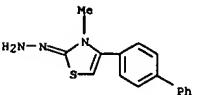
RN 21817-90-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-91-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

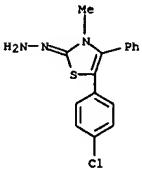


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CN 2(3H)-Thiazolone, 4-(1,1'-biphenyl)-4-yl-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

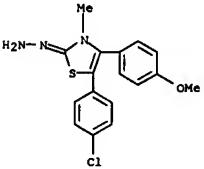


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CN 2(3H)-Thiazolone, 5-(4-chlorophenyl)-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

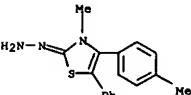
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 27893-84-1 CAPLUS  
CN 2(3H)-Thiazolone, 5-(4-chlorophenyl)-4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



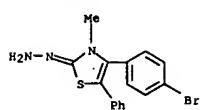
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CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



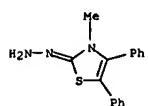
RN 27893-88-5 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

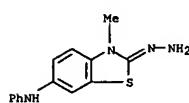
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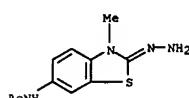
RN 28029-80-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28218-89-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



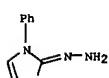
RN 28218-90-8 CAPLUS  
CN Acetamide, N-(2-hydrazone-2,3-dihydro-3-methyl-6-benzothiazolyl)- (9CI) (CA INDEX NAME)



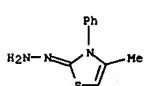
RN 28218-93-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-ethyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

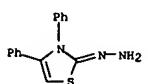
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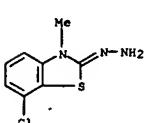
RN 33167-60-1 CAPLUS  
CN 2(3H)-Thiazolone, 4-methyl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



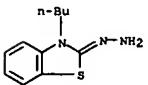
RN 41339-01-9 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 51769-42-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

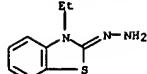


RN 60448-01-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-butyl-, hydrazone (9CI) (CA INDEX NAME)

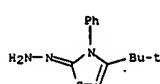


L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

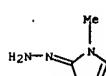
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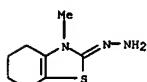
RN 28218-95-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-33-2 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-40-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 4,5,6,7-tetrahydro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

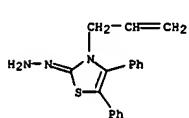


RN 33167-57-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

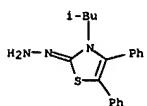
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

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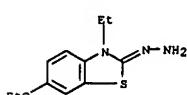
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RN 64071-37-0 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-diphenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



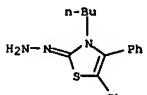
RN 64071-38-1 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-methylpropyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 64873-66-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-ethoxy-3-ethyl-, hydrazone (9CI) (CA INDEX NAME)



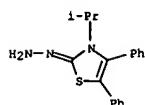
RN 67644-68-2 CAPLUS  
CN 2(3H)-Thiazolone, 3-butyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



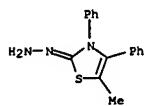
RN 67644-69-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-(1-methylethyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

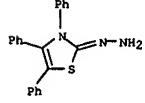
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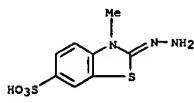
RN 68746-10-1 CAPLUS  
CN 2(3H)-Thiazolone, 5-methyl-3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 68746-11-2 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-triphenyl-, hydrazone (9CI) (CA INDEX NAME)



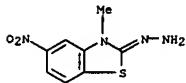
RN 71176-53-9 CAPLUS  
CN 6-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI)  
(CA INDEX NAME)



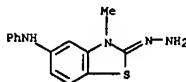
RN 76411-65-9 CAPLUS  
CN Naphtho[2,3-d]thiazol-2(3H)-one, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

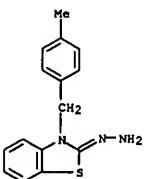
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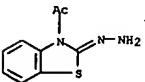
RN 109126-25-2 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-(phenylamino)-, hydrazone (9CI) (CA INDEX NAME)



RN 109514-20-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-[(4-methylphenyl)methyl]-, hydrazone (9CI) (CA INDEX NAME)

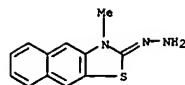


RN 110226-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-acetyl-, 2-hydrazone (9CI) (CA INDEX NAME)

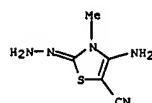


RN 110226-89-6 CAPLUS  
CN 3(2H)-Benzothiazolecarboxaldehyde, 2-hydrazone- (9CI) (CA INDEX NAME)

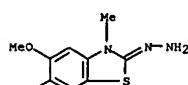
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



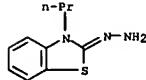
RN 81402-80-4 CAPLUS  
CN 5-Thiazolecarbonitrile, 4-amino-2-hydrazone-2,3-dihydro-3-methyl- (9CI)  
(CA INDEX NAME)



RN 94267-69-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 5,6-dimethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

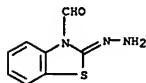


RN 104410-33-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-propyl-, hydrazone (9CI) (CA INDEX NAME)

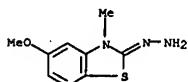


RN 108129-92-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-nitro-, hydrazone (9CI) (CA INDEX NAME)

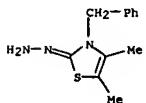
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



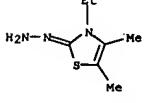
RN 110274-77-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 5-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 110427-05-5 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(phenylmethyl)-, hydrazone (9CI) (CA INDEX NAME)



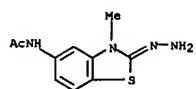
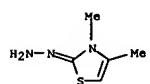
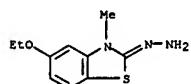
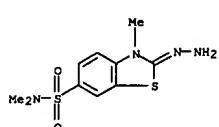
RN 111427-06-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-ethyl-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 114098-30-5 CAPLUS  
CN Acetamide, N-(2-hydrazone-2,3-dihydro-3-methyl-5-benzothiazolyl)- (9CI)  
(CA INDEX NAME)

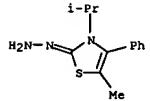
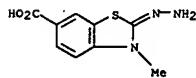
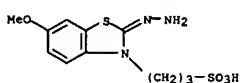
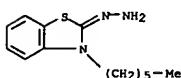
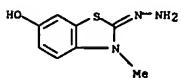
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

RN 114252-53-8 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)RN 117043-63-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 5-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)RN 130252-23-2 CAPLUS  
CN 6-Benzothiazolesulfonamide, 2-hydrazone-2,3-dihydro-N,N,3-trimethyl- (9CI) (CA INDEX NAME)RN 138485-20-8 CAPLUS  
CN 2(3H)-Thiazolone, 3,5-dimethyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

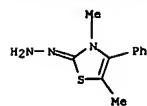
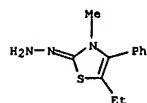
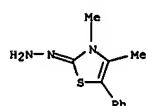
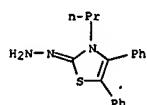
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

RN 185454-77-7 CAPLUS  
CN 6-Benzothiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)RN 200630-28-0 CAPLUS  
CN 3(2H)-Benzothiazolepropanesulfonic acid, 2-hydrazone-6-methoxy- (9CI) (CA INDEX NAME)RN 215249-36-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-hexyl-, hydrazone (9CI) (CA INDEX NAME)RN 382627-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-hydroxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)RN 383411-41-4 CAPLUS  
CN 6-Benzothiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-(2-hydroxyethyl)-

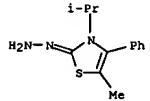
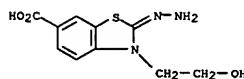
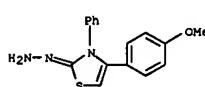
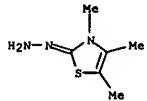
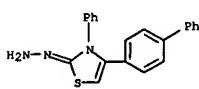
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

RN 130485-21-9 CAPLUS  
CN 2(3H)-Thiazolone, 3-ethyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 130485-22-0 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 139262-46-7 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-diphenyl-3-propyl-, hydrazone (9CI) (CA INDEX NAME)RN 157559-65-4 CAPLUS  
CN 2(3H)-Thiazolone, 5-methyl-3-(1-methylethyl)-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

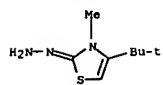
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

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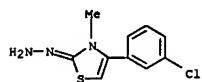
L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
(9CI) (CA INDEX NAME)RN 676475-28-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 692250-45-6 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-trimethyl-, hydrazone (9CI) (CA INDEX NAME)RN 718589-95-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-4-yl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 753027-71-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

LS ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

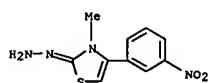
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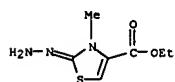
RN 753027-72-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-73-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(3-nitrophenyl)-, hydrazone (9CI) (CA INDEX NAME)



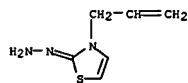
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CN 4-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



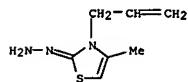
RN 753027-76-8 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

LS ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

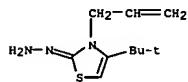
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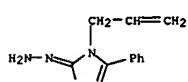
RN 753027-82-6 CAPLUS  
CN 2(3H)-Thiazolone, 4-methyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-83-7 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



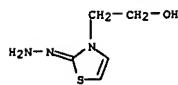
RN 753027-84-8 CAPLUS  
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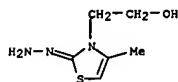
RN 753027-85-9 CAPLUS  
CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-4-methyl-3-[(phenylamino)carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

LS ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

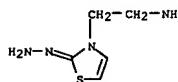
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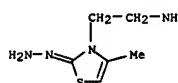
RN 753027-77-9 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-78-0 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



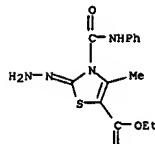
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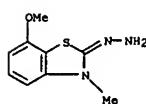
RN 753027-81-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

LS ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

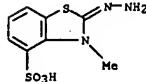
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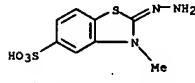
RN 753027-86-0 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-87-1 CAPLUS  
CN 4-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) INDEX NAME)



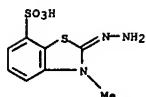
RN 753027-88-2 CAPLUS  
CN 5-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) INDEX NAME)



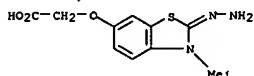
RN 753027-89-3 CAPLUS  
CN 7-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

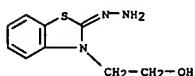
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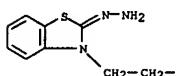
RN 753027-90-6 CAPLUS  
CN Acetic acid, [(2-hydrazono-2,3-dihydro-3-methyl-6-benzothiazolyl)oxy]-  
(9CI) (CA INDEX NAME)



RN 753027-91-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

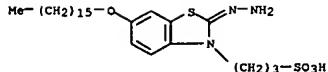


RN 753027-92-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)

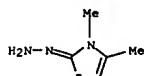


RN 753027-94-0 CAPLUS  
CN 3(2H)-Benzothiazolepropanesulfonic acid, 6-(hexadecyloxy)-2-hydrazono-  
(9CI) (CA INDEX NAME)

L5 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 68746-04-3P  
RL: COS (Cosmetic use); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(oxidative hair dyes containing heterocyclic hydrazone deriv.)  
RN 68746-04-3 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone, hydrochloride (9CI) (CA INDEX NAME)



●x HCl

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004755995 CAPLUS

DN 141248369

TI Oxidative hair dyes with bleaching agent containing hydrazone compounds as developing agents

IN Pasquier, Cesile; Bucelin, Veronique; Kiener, Caroline; Roulin, Anita; Braun, Hans-Juergen

PA Wella Ag, Germany

SO Ger. Offen., 15 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10309523	A1	20040916	DE 2003-10309523	20030305
WO 2004078153	A1	20040916	WO 2004-EP961	20040203
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EP 1599179	A1	20051130	EP 2004-707512	20040203
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JP 2006522031	T	20060928	JP 2006-504408	20040203
AT 342039	T	20061115	AT 2004-707512	20040203
US 2006010616	A1	20061119	US 2005-529978	20050324
PRAI DE 2003-10309523	A	20030305		
WO 2004-EP961	W	20040203		

OS MARPAT 141:248369

AB The invention concerns hair prepn. for simultaneous bleaching and dyeing: the compns. include as developing agents thiazole, oxazole, imidazole, and benzoxazole derivs. of hydrazone; further ingredients are coupling dyes and a persulfate as oxidation/bleaching agent. Thus 3,4-dimethyl-2(3H)-thiazolone-1-(methylthiylidene)-hydrazone was prepared by

reacting 21 g 4-methyl-3-thiosemicarbazide with 20.4 g chloroacetone in acetone at b.p. under reflux. The product was recrystd. from acetone; 23 orange powder was obtained. 3.5 G of the

3,4-dimethyl-2(3H)-thiazolone-1-(methylthiylidene)-hydrazone was treated with 60 mL 6 M HCl at 50°C for 30 min; the reaction product was concentrated and recrystd. from ethanol to yield 2 g pink 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride. A hair dye composition included (g): component A1: Plantaren 2000 (50% solution) 4.00; EDTA disodium salt 0.20; ethanol 5.00;

3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride hydrate 0.58; water to 100; component A2: 1,3-diaminobenzene 0.27; potassium persulfate 0.67.

IT 1128-67-2 3161-77-1 3316-70-9  
15315-48-7 20065-04-7 20065-05-8  
20065-06-9 20125-57-9 21817-85-6  
21817-86-7 21817-87-8 21817-88-9  
21817-89-0 21817-90-3 21817-91-4  
21817-92-5 21882-34-8 27893-83-0

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

AN 27893-84-1 27893-86-3 27893-88-5

DN 28029-80-3 28218-90-8 28218-93-1

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IN 33167-60-1 41339-01-2 51769-42-7

PA 60448-01-3 64071-37-0 64071-38-1

SO 64873-66-1 67644-68-2 67644-69-3

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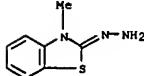
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RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

compds. as developing agents)

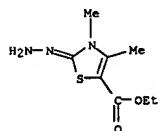
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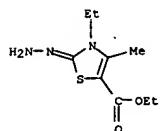


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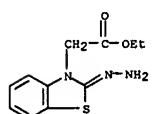
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3,4-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 3316-70-9 CAPLUS  
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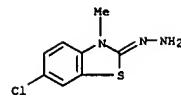


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 CN 3(2H)-Benzothiazoleacetic acid, 2-hydrazone-, ethyl ester (9CI) (CA INDEX NAME)

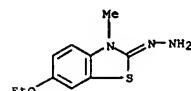


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 CN 2(3H)-Benzothiazolone, 6-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

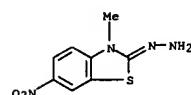
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



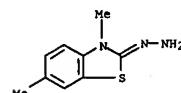
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 CN 2(3H)-Benzothiazolone, 6-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 20065-06-9 CAPLUS  
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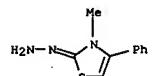


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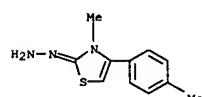


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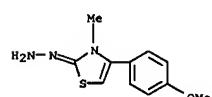
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



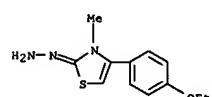
RN 21817-86-7 CAPLUS  
 CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-87-8 CAPLUS  
 CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

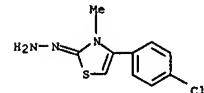


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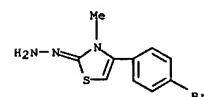


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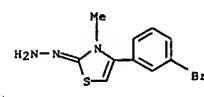
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



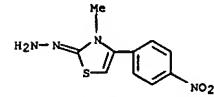
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 CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



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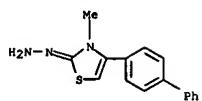
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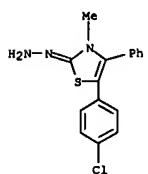
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LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

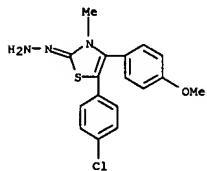
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RN 27893-83-0 CAPLUS  
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(CA INDEX NAME)



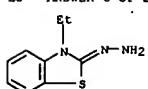
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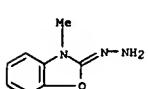
RN 27893-86-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-5-phenyl-, hydrazone (9CI)  
(CA INDEX NAME)

LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

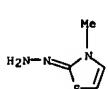
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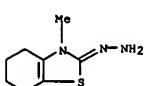
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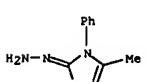
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CN 2(3H)-Thiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



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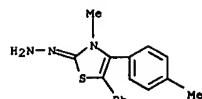
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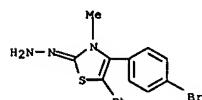
RN 41339-01-9 CAPLUS  
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LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

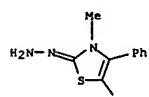
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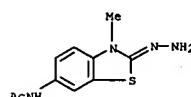
RN 27893-88-5 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-5-phenyl-, hydrazone (9CI)  
(CA INDEX NAME)



RN 28029-80-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



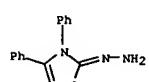
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CN Acetamide, N-(2-hydrazono-2,3-dihydro-3-methyl-6-benzothiazolyl)- (9CI)  
(CA INDEX NAME)



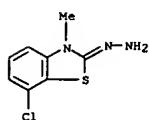
RN 28218-93-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-ethyl-, hydrazone (9CI) (CA INDEX NAME)

LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

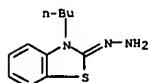
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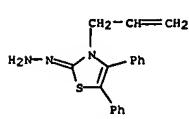
RN 51769-42-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 60448-01-3 CAPLUS  
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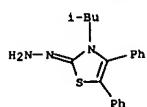
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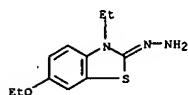
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L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

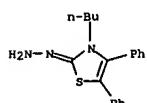
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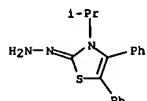
RN 64873-66-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-ethoxy-3-ethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 67644-68-2 CAPLUS  
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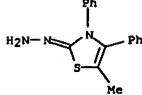
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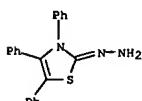
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L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

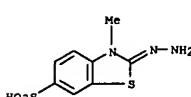
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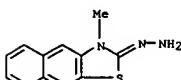
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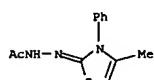
RN 76411-65-9 CAPLUS  
CN Naphtho[2,3-d]thiazol-2(3H)-one, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



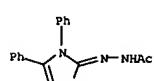
RN 78060-31-8 CAPLUS  
CN Acetic acid, (4-methyl-3-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

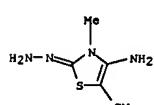
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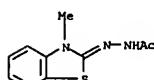
RN 78060-34-1 CAPLUS  
CN Acetic acid, (3,4-diphenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 81402-80-4 CAPLUS  
CN 5-Thiazolocarbonitrile, 4-amino-2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



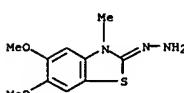
RN 90840-23-6 CAPLUS  
CN Acetic acid, (3-methyl-2(3H)-benzothiazolylidene)hydrazide (9CI) (CA INDEX NAME)



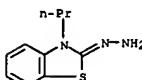
RN 94267-69-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 5,6-dimethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

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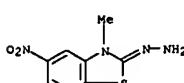
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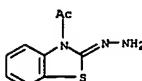
RN 104410-33-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-propyl-, hydrazone (9CI) (CA INDEX NAME)



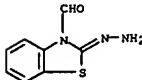
RN 108129-92-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-nitro-, hydrazone (9CI) (CA INDEX NAME)



RN 110226-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-acetyl-, 2-hydrazone (9CI) (CA INDEX NAME)

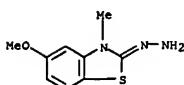


RN 110226-89-6 CAPLUS  
CN 3(2H)-Benzothiazolecarboxaldehyde, 2-hydrazone- (9CI) (CA INDEX NAME)

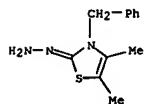


RN 110274-77-6 CAPLUS

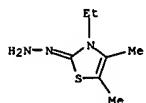
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 2(3H)-Benzothiazolone, 5-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



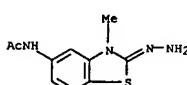
RN 111427-05-5 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(phenylmethyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 111427-06-6 CAPLUS  
 CN 2(3H)-Thiazolone, 3-ethyl-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)

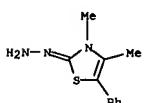


RN 114098-30-5 CAPLUS  
 CN Acetamide, N-(2-hydrazono-2,3-dihydro-3-methyl-5-benzothiazolyl)- (9CI) (CA INDEX NAME)

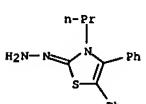


RN 117043-63-7 CAPLUS  
 CN 2(3H)-Benzothiazolone, 5-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

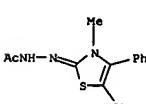
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



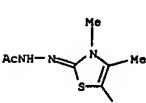
RN 139262-46-7 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-diphenyl-3-propyl-, hydrazone (9CI) (CA INDEX NAME)



RN 139262-49-0 CAPLUS  
 CN Acetic acid, (3-methyl-4,5-diphenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

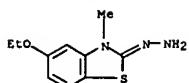


RN 139262-53-6 CAPLUS  
 CN Acetic acid, (3,4-dimethyl-5-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

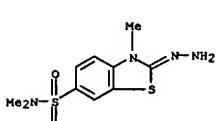


RN 157559-65-4 CAPLUS  
 CN 2(3H)-Thiazolone, 5-methyl-3-(1-methylethyl)-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

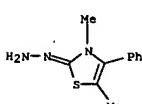
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



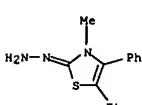
RN 130252-23-2 CAPLUS  
 CN 6-Benzothiazolesulfonamide, 2-hydrazone-2,3-dihydro-N,N,3-trimethyl- (9CI) (CA INDEX NAME)



RN 138485-20-8 CAPLUS  
 CN 2(3H)-Thiazolone, 3,5-dimethyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

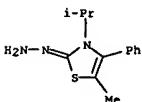


RN 138485-21-9 CAPLUS  
 CN 2(3H)-Thiazolone, 5-ethyl-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

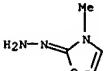


RN 138485-22-0 CAPLUS  
 CN 2(3H)-Thiazolone, 3,4-dimethyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)

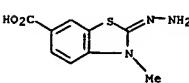
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



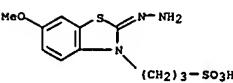
RN 178450-81-2 CAPLUS  
 CN 2(3H)-Oxazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



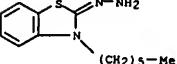
RN 185454-77-7 CAPLUS  
 CN 6-Benzothiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



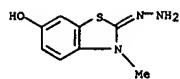
RN 200630-28-0 CAPLUS  
 CN 3(2H)-Benzothiazolepropanesulfonic acid, 2-hydrazone-6-methoxy- (9CI) INDEX NAME



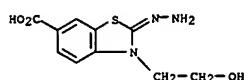
RN 215249-36-8 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-hexyl-, hydrazone (9CI) (CA INDEX NAME)



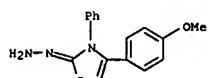
RN 382627-87-4 CAPLUS  
 CN 2(3H)-Benzothiazolone, 6-hydroxy-3-methyl-, hydrazone (9CI) (CA INDEX

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(NAME)

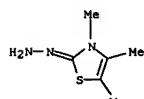
RN 383411-41-4 CAPLUS  
CN 6-Benzothiazolecarboxylic acid,  
2-hydrazono-2,3-dihydro-3-(2-hydroxyethyl)-  
(9CI) (CA INDEX NAME)



RN 676475-28-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

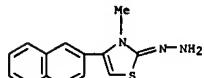


RN 692250-45-6 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-trimethyl-, hydrazone (9CI) (CA INDEX NAME)

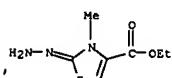


RN 718589-95-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-4-yl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

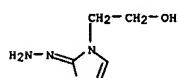
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



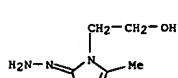
RN 753027-75-7 CAPLUS  
CN 4-Thiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-3-methyl-, ethyl ester  
(9CI) (CA INDEX NAME)



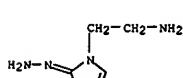
RN 753027-76-8 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)



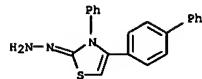
RN 753027-77-9 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



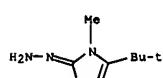
RN 753027-78-0 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



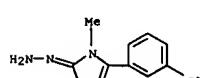
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



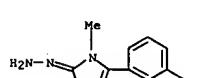
RN 753027-71-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-72-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

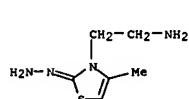


RN 753027-73-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(3-nitrophenyl)-, hydrazone (9CI) (CA INDEX NAME)

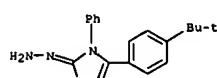


RN 753027-74-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(2-naphthalenyl)-, hydrazone (9CI) (CA INDEX NAME)

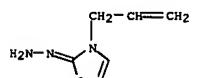
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



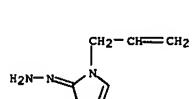
RN 753027-79-1 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



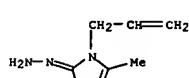
RN 753027-80-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-[4-(1,1-dimethylethyl)phenyl]-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-81-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



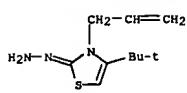
RN 753027-82-6 CAPLUS  
CN 2(3H)-Thiazolone, 4-methyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



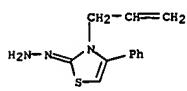
RN 753027-83-7 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

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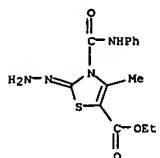
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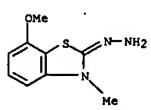
RN 753027-84-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-phenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-85-9 CAPLUS  
CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-4-methyl-3-[(phenylamino)carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

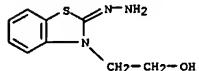


RN 753027-86-0 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

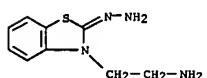


RN 753027-87-1 CAPLUS  
CN 4-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)

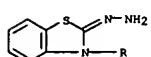
LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



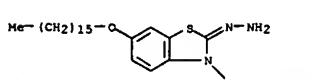
RN 753027-92-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



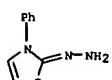
RN 753027-93-9 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(4-methylphenyl)-, hydrazone (9CI) (CA INDEX NAME)



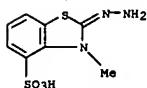
RN 753027-94-0 CAPLUS  
CN 3(2H)-Benzothiazolepropanesulfonic acid, 6-(hexadecyloxy)-2-hydrazone- (9CI) (CA INDEX NAME)



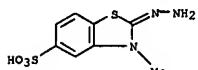
RN 753027-95-1 CAPLUS  
CN 2(3H)-Oxazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



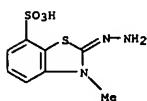
LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)  
INDEX NAME)

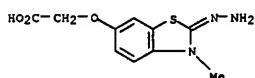
RN 753027-88-2 CAPLUS  
CN 5-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



RN 753027-89-3 CAPLUS  
CN 7-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



RN 753027-90-6 CAPLUS  
CN Acetic acid, [(2-hydrazone-2,3-dihydro-3-methyl-6-benzothiazolyl)oxy]- (9CI) (CA INDEX NAME)

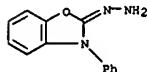


RN 753027-91-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

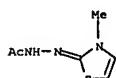
LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

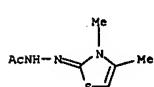
RN 753027-96-2 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



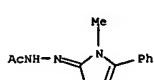
RN 753027-97-3 CAPLUS  
CN Acetic acid, (3-methyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 753027-98-4 CAPLUS  
CN Acetic acid, (3,4-dimethyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



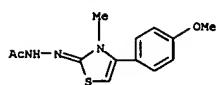
RN 753027-99-5 CAPLUS  
CN Acetic acid, (3-methyl-4-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



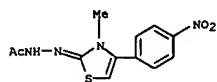
RN 753028-00-1 CAPLUS  
CN Acetic acid, (4-(4-methoxyphenyl)-3-methyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

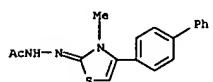
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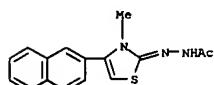
RN 753028-01-2 CAPLUS  
 CN Acetic acid, (3-methyl-4-(4-nitrophenyl)-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 753028-02-3 CAPLUS  
 CN Acetic acid, (4-(1,1'-biphenyl)-4-yl-3-methyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



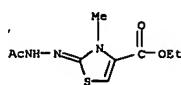
RN 753028-03-4 CAPLUS  
 CN Acetic acid, (3-methyl-4-(2-naphthalenyl)-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



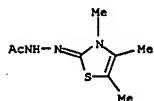
RN 753028-04-5 CAPLUS  
 CN 4-Thiazolecarboxylic acid, 2-(acetylhydrazone)-2,3-dihydro-3-methyl-ethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

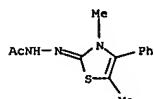
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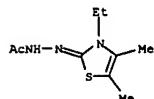
RN 753028-05-6 CAPLUS  
 CN Acetic acid, (3,4,5-trimethyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 753028-06-7 CAPLUS  
 CN Acetic acid, (3,5-dimethyl-4-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



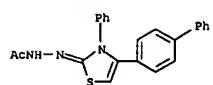
RN 753028-07-8 CAPLUS  
 CN Acetic acid, (3-ethyl-4,5-dimethyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



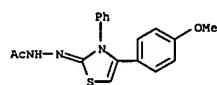
RN 753028-08-9 CAPLUS  
 CN Acetic acid, (4-[1,1'-biphenyl]-4-yl-3-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

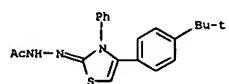
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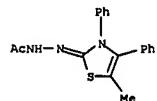
RN 753028-09-0 CAPLUS  
 CN Acetic acid, (4-(4-methoxyphenyl)-3-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 753028-10-3 CAPLUS  
 CN Acetic acid, (4-(4-(1,1-dimethylethyl)phenyl)-3-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



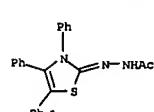
RN 753028-11-4 CAPLUS  
 CN Acetic acid, (5-methyl-3,4-diphenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



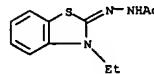
RN 753028-12-5 CAPLUS  
 CN Acetic acid, (3,4,5-triphenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

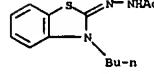
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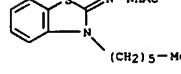
RN 753028-13-6 CAPLUS  
 CN Acetic acid, (3-ethyl-2(3H)-benzothiazolylidene)hydrazide (9CI) (CA INDEX NAME)



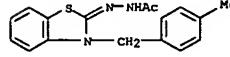
RN 753028-14-7 CAPLUS  
 CN Acetic acid, (3-butyl-2(3H)-benzothiazolylidene)hydrazide (9CI) (CA INDEX NAME)



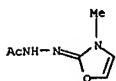
RN 753028-15-8 CAPLUS  
 CN Acetic acid, (3-hexyl-2(3H)-benzothiazolylidene)hydrazide (9CI) (CA INDEX NAME)



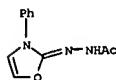
RN 753028-16-9 CAPLUS  
 CN Acetic acid, (3-[(4-methylphenyl)methyl]-2(3H)-benzothiazolylidene)hydrazide (9CI) (CA INDEX NAME)



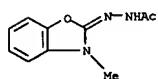
LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 753028-17-0 CAPLUS  
 CN Acetic acid, (3-methyl-2(3H)-oxazolylidene)hydrazide (9CI) (CA INDEX NAME)



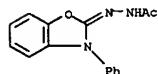
RN 753028-18-1 CAPLUS  
 CN Acetic acid, (3-phenyl-2(3H)-oxazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 753028-19-2 CAPLUS  
 CN Acetic acid, (3-methyl-2(3H)-benzoxazolylidene)hydrazide (9CI) (CA INDEX NAME)



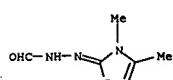
RN 753028-20-5 CAPLUS  
 CN Acetic acid, (3-phenyl-2(3H)-benzoxazolylidene)hydrazide (9CI) (CA INDEX NAME)



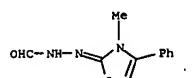
RN 753028-21-6 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3-methyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

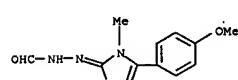
RN 753028-22-7 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3,4-dimethyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)



RN 753028-23-8 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3-methyl-4-phenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)



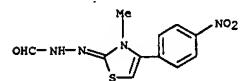
RN 753028-24-9 CAPLUS  
 CN Hydrazinecarboxaldehyde, [4-(4-methoxyphenyl)-3-methyl-2(3H)-thiazolylidene]- (9CI) (CA INDEX NAME)



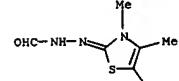
RN 753028-25-0 CAPLUS  
 CN Hydrazinecarboxaldehyde, [3-methyl-4-(4-nitrophenyl)-2(3H)-thiazolylidene]- (9CI) (CA INDEX NAME)

LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

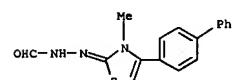
LS ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



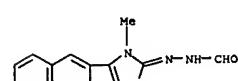
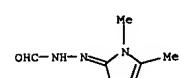
RN 753028-26-1 CAPLUS  
 CN Hydrazinecarboxaldehyde, (4-[1,1'-biphenyl]-4-yl-3-methyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)



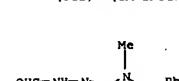
RN 753028-30-7 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3,4-dimethyl-5-phenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)



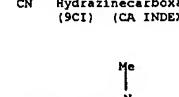
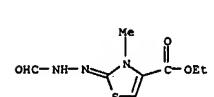
RN 753028-27-2 CAPLUS  
 CN Hydrazinecarboxaldehyde, [3-methyl-4-(2-naphthalenyl)-2(3H)-thiazolylidene]- (9CI) (CA INDEX NAME)



RN 753028-28-3 CAPLUS  
 CN 4-Thiazolecarboxylic acid, 2-(formylhydrazone)-2,3-dihydro-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)

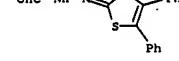


RN 753028-31-8 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3,5-dimethyl-4-phenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

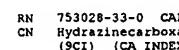


RN 753028-29-4 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3,4,5-trimethyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

RN 753028-32-9 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3-methyl-4,5-diphenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

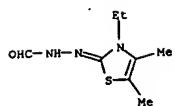


RN 753028-33-0 CAPLUS  
 CN Hydrazinecarboxaldehyde, (3-ethyl-4,5-dimethyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

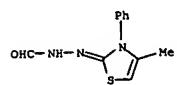


L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

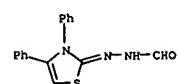
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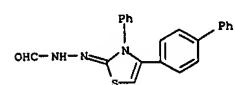
RN 753028-34-1 CAPLUS  
CN Hydrazinecarboxaldehyde, (4-methyl-3-phenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)



RN 753028-35-2 CAPLUS  
CN Hydrazinecarboxaldehyde, (3,4-diphenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

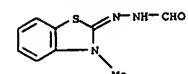


RN 753028-36-3 CAPLUS  
CN Hydrazinecarboxaldehyde, (4-[1,1'-biphenyl]-4-yl-3-phenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

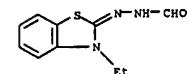


RN 753028-37-4 CAPLUS  
CN Hydrazinecarboxaldehyde, [4-(4-methoxyphenyl)-3-phenyl-2(3H)-thiazolylidene]- (9CI) (CA INDEX NAME)

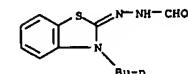
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



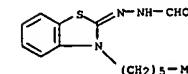
RN 753028-42-1 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-ethyl-2(3H)-benzothiazolylidene)- (9CI) (CA INDEX NAME)



RN 753028-43-2 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-butyl-2(3H)-benzothiazolylidene)- (9CI) (CA INDEX NAME)

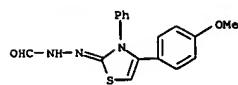


RN 753028-44-3 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-hexyl-2(3H)-benzothiazolylidene)- (9CI) (CA INDEX NAME)

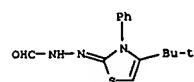


RN 753028-45-4 CAPLUS  
CN Hydrazinecarboxaldehyde, [3-[(4-methylphenyl)methyl]-2(3H)-benzothiazolylidene]- (9CI) (CA INDEX NAME)

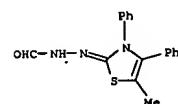
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



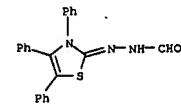
RN 753028-38-5 CAPLUS  
CN Hydrazinecarboxaldehyde, [4-(1,1-dimethylethyl)-3-phenyl-2(3H)-thiazolylidene]- (9CI) (CA INDEX NAME)



RN 753028-39-6 CAPLUS  
CN Hydrazinecarboxaldehyde, (5-methyl-3,4-diphenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

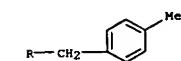
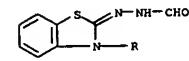


RN 753028-40-9 CAPLUS  
CN Hydrazinecarboxaldehyde, (3,4,5-triphenyl-2(3H)-thiazolylidene)- (9CI) (CA INDEX NAME)

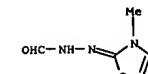


RN 753028-41-0 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-methyl-2(3H)-benzothiazolylidene)- (9CI) (CA INDEX NAME)

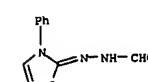
L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



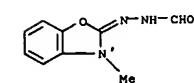
RN 753028-46-5 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-methyl-2(3H)-oxazolylidene)- (9CI) (CA INDEX NAME)



RN 753028-47-6 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-phenyl-2(3H)-oxazolylidene)- (9CI) (CA INDEX NAME)



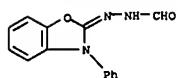
RN 753028-48-7 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-methyl-2(3H)-benzoxazolylidene)- (9CI) (CA INDEX NAME)



RN 753028-49-8 CAPLUS  
CN Hydrazinecarboxaldehyde, (3-phenyl-2(3H)-benzoxazolylidene)- (9CI) (CA INDEX NAME)

L5 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

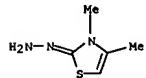


IT 114252-54-9P

RL: COS (Cosmetic use); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (oxidative hair dyes with bleaching agent containing hydrazone compds. as developing agents)

RN 114252-54-9 CAPLUS

CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)



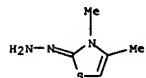
● HCl

IT 114252-53-8P

RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (oxidative hair dyes with bleaching agent containing hydrazone compds. as developing agents)

RN 114252-53-8 CAPLUS

CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

21817-86-7 21817-87-8 21817-88-9

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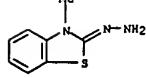
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RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (oxidative hair dyes with bleaching agent contg. hydrazone compds. as developing agents)

RN 1128-67-2 CAPLUS

CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 3161-77-1 CAPLUS

CN 5-Thiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-3,4-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:755998 CAPLUS

DN 141:265567

TI Oxidative hair dyes with bleaching agent containing hydrazone compounds as developing agents

IN Pasquier, Cecile; Kienker, Caroline; Braun, Hans-Juergen

PA Wella Ag, Germany

SO Ger. Offen., 15 pp.

CODEN: GWXXXB

DT Patent

LA German

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

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PI DE 10309522 A1 20040916 DE 2003-10309522 20030305

WO 2004078152 A1 20040916 WO 2004-EP816 20040130

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,

GH, GM, HR, HU, ID, IL, IN, JP, KE, KG, KP, KR, KZ, LC, LK,

LR, LS, LT, LU, LV, MA, MD, MG, MK, MM, MW, MX, MZ, NA, NI, NO,

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MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,

GQ, GW, ML, MR, NE, SN, TD, TG

BR 2004005649 A 20050719 BR 2004-5649 20040130

EP 1601335 A1 20051207 EP 2004-706670 20040130

R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK,

JP 2006519240 T 20060824 JP 2006-504402 20040130

US 2006162096 A1 20060727 US 2005-530065 20050324

PRAI DE 2003-10309522 A 20030305

WO 2004-EP816 W 20040130

OS MARPAT 141:265567

AB The invention concerns hair preps. for simultaneous bleaching

and dyeing; the compns. include as developing agents thiazole, oxazole,

imidazole, benzothiazole, benzoxazole, triazole and thiadiazole derivs.

of

hydrazone; further ingredients are coupling dyes and a persulfate as

oxidation/bleaching agent. Thus 3,4-dimethyl-2(3H)-thiazolone-1-(methylmethylenide)-hydrazone was prepared by reacting 21 g 4-methyl-3-thiosemicarbazide with 20.4 g chloroacetone in acetone at b.p.

under reflux. The product was recrystd. from acetone; 23 orange powder

was obtained. 3.5 G of the 3,4-dimethyl-2(3H)-thiazolone-1-(methylmethylenide)-hydrazone was treated with 60 mL 6 HCl at 50°C

for 30 min; the reaction product was concentrated and recrystd. from

ethanol to

yield 2 g pink 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride. A

hair dye composition included (g): component A1: Plantaren 2000 (50% solution) 4.00; EDTA disodium salt 0.20; ethanol 5.00;

3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride hydrate 0.50; water to 100; component

A2: 1,3-diaminobenzene 0.27; potassium persulfate 0.67.

IT 1128-67-2 3161-77-1 3316-70-9

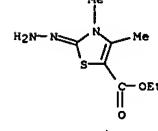
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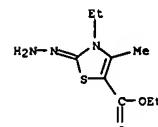
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L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



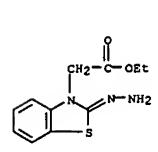
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CN 5-Thiazolecarboxylic acid, 3-ethyl-2-hydrazono-2,3-dihydro-4-methyl-, ethyl ester (9CI) (CA INDEX NAME)



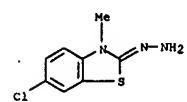
RN 15315-48-7 CAPLUS

CN 3(2H)-Benzothiazoleacetic acid, 2-hydrazono-, ethyl ester (9CI) (CA INDEX NAME)



RN 20065-04-7 CAPLUS

CN 2(3H)-Benzothiazolone, 6-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

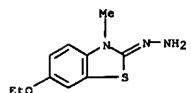


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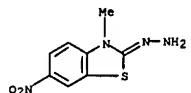
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L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

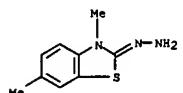
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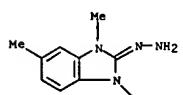
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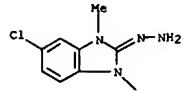


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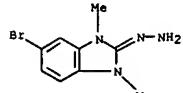


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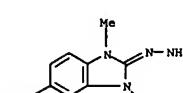
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (CA INDEX NAME)



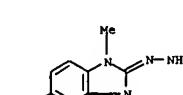
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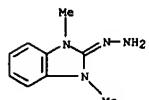


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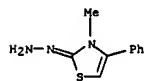


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CN 2H-Benzimidazol-2-one, 1,3-dihydro-1,3-dimethyl-, hydrazone (9CI) (CA INDEX NAME)

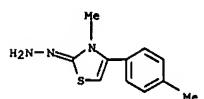
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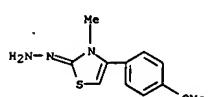
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CN 2(3H)-Thiazolone, 3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)



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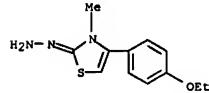


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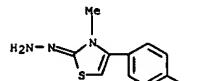


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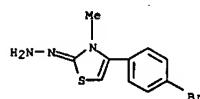
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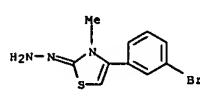
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CN 2(3H)-Thiazolone, 4-(4-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



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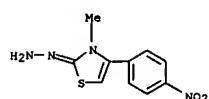
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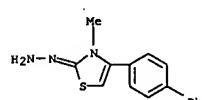
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CN 2(3H)-Thiazolone, 3-methyl-4-(4-nitrophenyl)-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

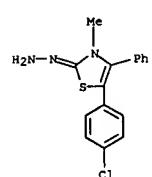
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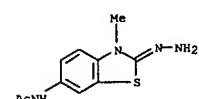
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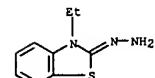
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L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

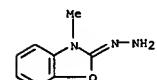
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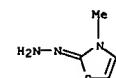
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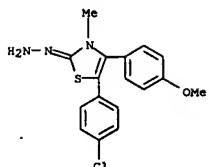
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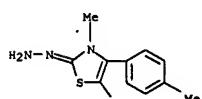
RN 28219-40-1 CAPLUS  
CN 2 (3H)-Benzothiazolone, 4,5,6,7-tetrahydro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

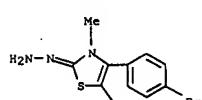
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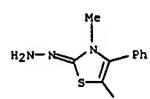
RN 27893-86-3 CAPLUS  
CN 2 (3H)-Thiazolone, 3-methyl-4-(4-methoxyphenyl)-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 27893-88-5 CAPLUS  
CN 2 (3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)

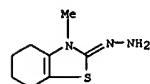


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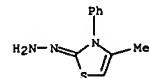


L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

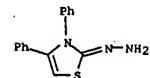
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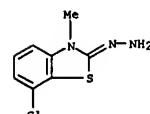
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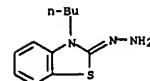
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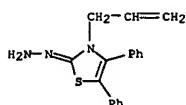
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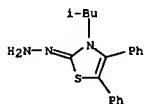
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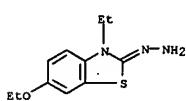
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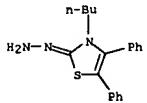
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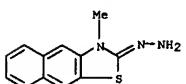
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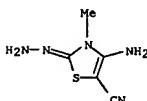
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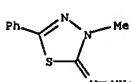
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RN 76411-65-9 CAPLUS  
CN Naphtho[2,3-d]thiazol-2(3H)-one, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



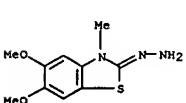
RN 81402-80-4 CAPLUS  
CN 5-Thiazolecarboxonitrile, 4-amino-2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



RN 92474-95-8 CAPLUS  
CN 1,3,4-Thiadiazol-2(3H)-one, 3-methyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)

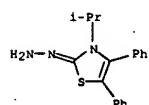


RN 94267-69-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 5,6-dimethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

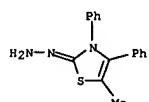


RN 104410-33-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-propyl-, hydrazone (9CI) (CA INDEX NAME)

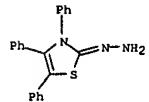
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
RN 67644-69-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-(1-methylethyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



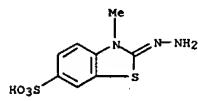
RN 68746-10-1 CAPLUS  
CN 2(3H)-Thiazolone, 5-methyl-3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



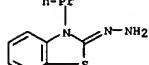
RN 68746-11-2 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-triphenyl-, hydrazone (9CI) (CA INDEX NAME)



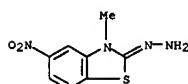
RN 71176-53-9 CAPLUS  
CN 6-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



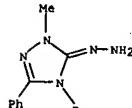
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



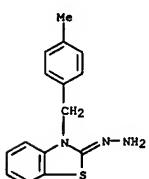
RN 108129-92-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-nitro-, hydrazone (9CI) (CA INDEX NAME)



RN 108872-91-9 CAPLUS  
CN 3H-1,2,4-Triazol-3-one, 4-butyl-2,4-dihydro-2-methyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



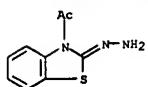
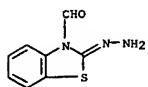
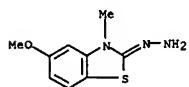
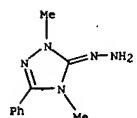
RN 109514-20-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-[(4-methylphenyl)methyl]-, hydrazone (9CI) (CA INDEX NAME)



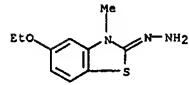
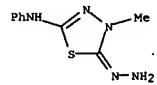
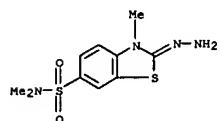
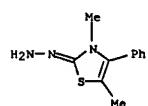
RN 110226-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-acetyl-, 2-hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

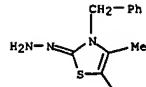
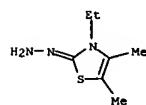
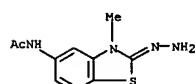
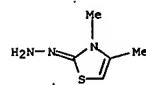
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RN 110226-89-6 CAPLUS  
CN 3(2H)-Benzothiazolecarboxaldehyde, 2-hydrazone- (9CI) (CA INDEX NAME)RN 110274-77-6 CAPLUS  
CN 2(3H)-Benzothiazole, 5-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)RN 110394-83-7 CAPLUS  
CN 3H-1,2,4-Triazol-3-one, 2,4-dihydro-2,4-dimethyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 111427-05-5 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(phenylmethyl)-, hydrazone (9CI) (CA INDEX NAME)

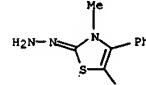
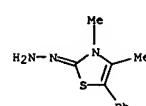
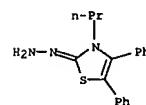
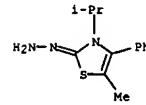
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 119272-02-5 CAPLUS  
CN 1,3,4-Thiadiazol-2(3H)-one, 3-methyl-5-(phenylamino)-, hydrazone (9CI) (CA INDEX NAME)RN 130252-23-2 CAPLUS  
CN 6-Benzothiazolesulfonamide, 2-hydrazone-2,3-dihydro-N,N,3-trimethyl- (9CI) (CA INDEX NAME)RN 138485-20-8 CAPLUS  
CN 2(3H)-Thiazolone, 3,5-dimethyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 138485-21-9 CAPLUS  
CN 2(3H)-Thiazolone, 5-ethyl-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

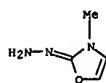
RN 111427-06-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-ethyl-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)RN 114098-30-5 CAPLUS  
CN Acetamide, N-(2-hydrazone-2,3-dihydro-3-methyl-5-benzothiazolyl)- (9CI) (CA INDEX NAME)RN 114252-53-8 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)RN 117043-63-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 5-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

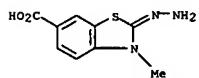
RN 138485-22-0 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 139262-46-7 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-diphenyl-3-propyl-, hydrazone (9CI) (CA INDEX NAME)RN 157559-65-4 CAPLUS  
CN 2(3H)-Thiazolone, 5-methyl-3-(1-methylethyl)-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)RN 178450-81-2 CAPLUS  
CN 2(3H)-Oxazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

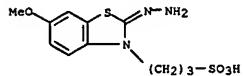
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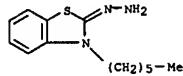
RN 185454-77-7 CAPLUS  
CN 6-Benzothiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI)  
(CA INDEX NAME)



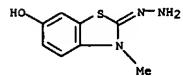
RN 200630-28-0 CAPLUS  
CN 3(2H)-Benzothiazolepropanesulfonic acid, 2-hydrazone-6-methoxy- (9CI)  
(CA INDEX NAME)



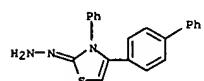
RN 215249-36-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-hexyl-, hydrazone (9CI) (CA INDEX NAME)



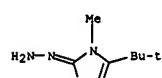
RN 382627-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-hydroxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



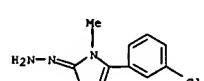
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-4-yl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



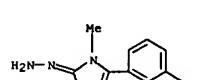
RN 753027-71-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-72-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



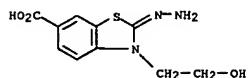
RN 753027-73-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(3-nitrophenyl)-, hydrazone (9CI) (CA INDEX NAME)



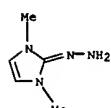
RN 753027-74-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(2-naphthalenyl)-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

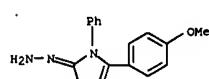
RN 383411-41-4 CAPLUS  
CN 6-Benzothiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



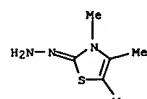
RN 461388-49-8 CAPLUS  
CN 2H-Imidazol-2-one, 1,3-dihydro-1,3-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 676475-28-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

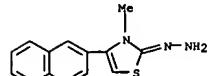


RN 692250-45-6 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-trimethyl-, hydrazone (9CI) (CA INDEX NAME)

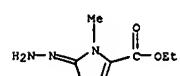


RN 718589-95-8 CAPLUS

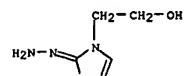
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



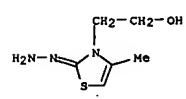
RN 753027-75-7 CAPLUS  
CN 4-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



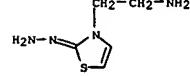
RN 753027-76-8 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)



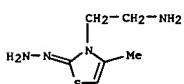
RN 753027-77-9 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



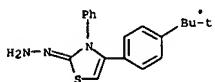
RN 753027-78-0 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



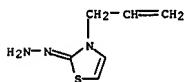
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 753027-79-1 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



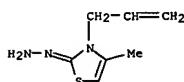
RN 753027-80-4 CAPLUS  
 CN 2(3H)-Thiazolone, 4-[4-(1,1-dimethylethyl)phenyl]-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



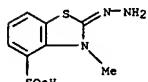
RN 753027-81-5 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



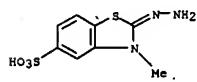
RN 753027-82-6 CAPLUS  
 CN 2(3H)-Thiazolone, 4-methyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



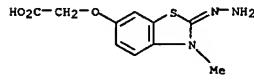
RN 753027-83-7 CAPLUS  
 CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



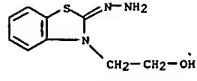
RN 753027-88-2 CAPLUS  
 CN 5-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



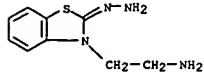
RN 753027-90-6 CAPLUS  
 CN Acetic acid, [(2-hydrazone-2,3-dihydro-3-methyl-6-benzothiazolyl)oxy]- (9CI) (CA INDEX NAME)



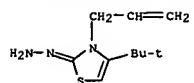
RN 753027-91-7 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)



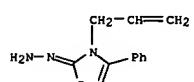
RN 753027-92-8 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



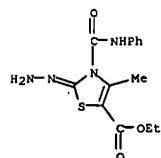
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



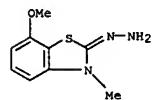
RN 753027-84-8 CAPLUS  
 CN 2(3H)-Thiazolone, 4-phenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-85-9 CAPLUS  
 CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-4-methyl-3-[(phenylamino)carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

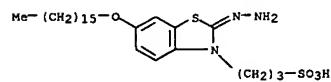


RN 753027-86-0 CAPLUS  
 CN 2(3H)-Benzothiazolone, 7-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

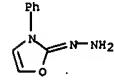


RN 753027-87-1 CAPLUS  
 CN 4-Benzothiazolesulfonic acid, 2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)

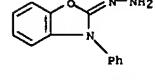
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 753027-94-0 CAPLUS  
 CN 3(2H)-Benzothiazolepropanesulfonic acid, 6-(hexadecyloxy)-2-hydrazone- (9CI) (CA INDEX NAME)



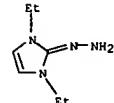
RN 753027-95-1 CAPLUS  
 CN 2(3H)-Oxazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



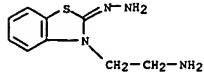
RN 753027-96-2 CAPLUS  
 CN 2(3H)-Benzoxazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 754201-32-6 CAPLUS  
 CN 2H-Imidazol-2-one, 1,3-diethyl-1,3-dihydro-, hydrazone (9CI) (CA INDEX NAME)

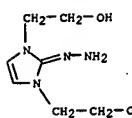


RN 754201-33-7 CAPLUS  
 CN 2H-Imidazol-2-one, 1,3-dihydro-1,3-bis(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

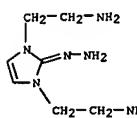


LS ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

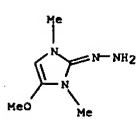
(Continued)



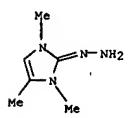
RN 754201-34-0 CAPLUS  
 CN 2H-Imidazol-2-one, 1,3-bis(2-aminoethyl)-1,3-dihydro-, hydrazone (9CI)  
 (CA INDEX NAME)



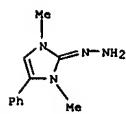
RN 754201-35-9 CAPLUS  
 CN 2H-Imidazol-2-one, 1,3-dihydro-4-methoxy-1,3-dimethyl-, hydrazone (9CI)  
 (CA INDEX NAME)



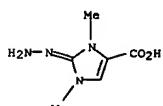
RN 754201-36-0 CAPLUS  
 CN 2H-Imidazol-2-one, 1,3-dihydro-1,3,4-trimethyl-, hydrazone (9CI) (CA INDEX NAME)



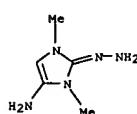
LS ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 RN 754201-37-1 CAPLUS  
 CN 2H-Imidazol-2-one, 1,3-dihydro-1,3-dimethyl-4-phenyl-, hydrazone (9CI)  
 (CA INDEX NAME)



RN 754201-38-2 CAPLUS  
 CN 1H-Imidazole-4-carboxylic acid, 2-hydrazone-2,3-dihydro-1,3-dimethyl- (9CI) (CA INDEX NAME)

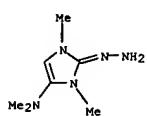


RN 754201-39-3 CAPLUS  
 CN 2H-Imidazol-2-one, 4-amino-1,3-dihydro-1,3-dimethyl-, hydrazone (9CI)  
 (CA INDEX NAME)

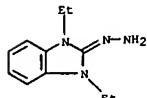


RN 754201-40-6 CAPLUS  
 CN 2H-Imidazol-2-one, 4-(dimethylamino)-1,3-dihydro-1,3-dimethyl-, hydrazone (9CI) (CA INDEX NAME)

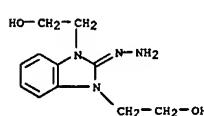
LS ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



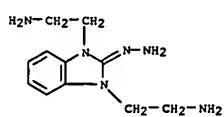
RN 754201-41-7 CAPLUS  
 CN 2H-Benzimidazol-2-one, 1,3-diethyl-1,3-dihydro-, hydrazone (9CI) (CA INDEX NAME)



RN 754201-42-8 CAPLUS  
 CN 2H-Benzimidazol-2-one, 1,3-dihydro-1,3-bis(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

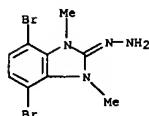


RN 754201-43-9 CAPLUS  
 CN 2H-Benzimidazol-2-one, 1,3-bis(2-aminoethyl)-1,3-dihydro-, hydrazone (9CI) (CA INDEX NAME)

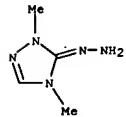


RN 754201-44-0 CAPLUS  
 CN 2H-Benzimidazol-2-one, 4,7-dibromo-1,3-dihydro-1,3-dimethyl-, hydrazone (9CI) (CA INDEX NAME)

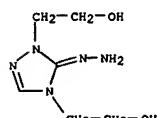
LS ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



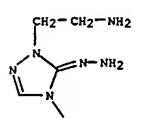
RN 754201-45-1 CAPLUS  
 CN 3H-1,2,4-Triazol-3-one, 2,4-dihydro-2,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 754201-46-2 CAPLUS  
 CN 3H-1,2,4-Triazol-3-one, 2,4-dihydro-2,4-bis(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)



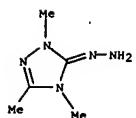
RN 754201-47-3 CAPLUS  
 CN 3H-1,2,4-Triazol-3-one, 2,4-bis(2-aminoethyl)-2,4-dihydro-, hydrazone (9CI) (CA INDEX NAME)



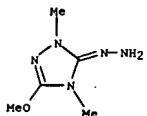
RN 754201-48-4 CAPLUS  
 CN 3H-1,2,4-Triazol-3-one, 2,4-dihydro-2,4,5-trimethyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

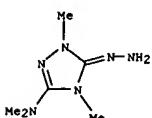
(Continued)



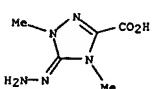
RN 754201-49-5 CAPLUS  
CN 3H-1,2,4-Triazol-3-one, 2,4-dihydro-5-methoxy-2,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



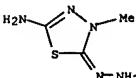
RN 754201-50-8 CAPLUS  
CN 3H-1,2,4-Triazol-3-one, 5-(dimethylamino)-2,4-dihydro-2,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



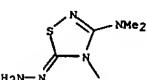
RN 754201-51-9 CAPLUS  
CN 1H-1,2,4-Triazole-3-carboxylic acid, 5-hydrazone-4,5-dihydro-1,4-dimethyl- (9CI) (CA INDEX NAME)



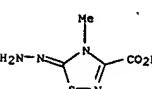
L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



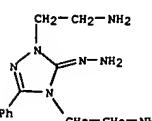
RN 754201-57-5 CAPLUS  
CN 1,2,4-Thiadiazol-5(4H)-one, 3-(dimethylamino)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 754201-59-6 CAPLUS  
CN 1,2,4-Thiadiazole-3-carboxylic acid, 5-hydrazone-4,5-dihydro-4-methyl- (9CI) (CA INDEX NAME)



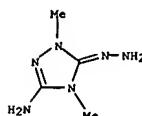
RN 754201-59-7 CAPLUS  
CN 3H-1,2,4-Triazol-3-one, 2,4-bis(2-aminoethyl)-2,4-dihydro-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



IT 114252-54-9P  
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
• Cidative hair dyes with bleaching agent containing hydrazone compds. as developing agents)  
RN 114252-54-9 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

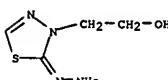
RN 754201-52-0 CAPLUS  
CN 3H-1,2,4-Triazol-3-one, 5-amino-2,4-dihydro-2,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



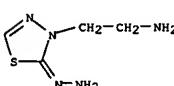
RN 754201-53-1 CAPLUS  
CN 1,3,4-Thiadiazol-2(3H)-one, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 754201-54-2 CAPLUS  
CN 1,3,4-Thiadiazol-2(3H)-one, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

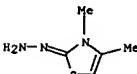


RN 754201-55-3 CAPLUS  
CN 1,3,4-Thiadiazol-2(3H)-one, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 754201-56-4 CAPLUS  
CN 1,3,4-Thiadiazol-2(3H)-one, 5-amino-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● HCl

L5 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:291073 CAPLUS  
 DN 140:326607

TI Hair dye composition comprising at least a heterocyclic oxidation base and at least a substituted 2,3-diaminopyridine coupler  
 IN Kravtchenko, Sylvain; Lagrange, Alain; Fadi, Aziz  
 PA L'Oréal, Fr.  
 SO Fr. Demande, 28 pp.

CODEN: FRXXBL

DT Patent

LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2845283	A1	20040409	FR 2002-12360	20021004
FR 2845283	B1	20060505		
EP 1413286	A1	20040428	EP 2003-292454	20031003
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI FR 2002-12360	A	20021004		

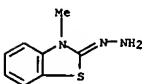
OS MARPAT 140:326607

AB A hair dye composition for dyeing of keratinous fibers contains at least a heterocyclic oxidation base and at least a substituted 2,3-diaminopyridine coupler. A hair dye contained 5-methyl-3-(3'-diaminopyrazolopyrimidine 0.76, 6-methoxy-3-amino-2-[3-(3'-methylimidazolium)propyl]aminopyridine 1.11, polyglycerol oleyl alc. 9.7, oleic acid 3.0, ethoxylated oleyl amine (ethomeen 012) 7.0, 55% diethylaminopropyl laurylamine succinamate sodium salt 3.09, oleic alc. 5.0, oleic acid diethanolamide 12.0, propylene glycol 3.5, Et alc. 7.0, dipropylene glycol 0.5, propylene glycol monomethyl ether 9.0, 35% sodium metabisulfite qg solution 0.46, ammonium acetate 0.8, antioxidant q.s., sequestrant q.s., perfume q.s., preservatives q.s., and water q.s. 100.0 g.

IT 1128-67-2, n-Methyl-benzothiazolone-2-hydrazone 21337-45-1  
 28218-87-3 28219-33-2 28219-40-1  
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (hair dye composition comprising at least heterocyclic oxidation base and at least substituted diaminopyridine coupler)

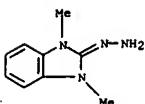
RN 1128-67-2, CAPLUS

CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)

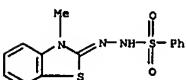


RN 21337-45-1 CAPLUS  
 CN 2H-Benzimidazol-2-one, 1,3-dihydro-1,3-dimethyl-, hydrazone (9CI) (CA INDEX NAME)

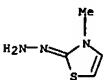
L5 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



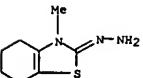
RN 28218-87-3 CAPLUS  
 CN Benzenesulfonic acid, (3-methyl-2(3H)-benzothiazolylidene)hydrazone (9CI) (CA INDEX NAME)



RN 28219-33-2 CAPLUS  
 CN 2(3H)-Thiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-40-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 4,5,6,7-tetrahydro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:17473 CAPLUS  
 DN 140:78506

TI Tetraazapentamethine derivatives and their manufacture and application for dyeing keratinous fibers  
 IN Burgeaud, Hervé; David, Hervé; Pereira, Rui; Belcour-Castro, Beatrice  
 PA L'Oréal, Fr.  
 SO Eur. Pat. Appl., 49 pp.

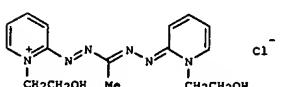
CODEN: EPXALW

DT Patent

LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1378544	A2	20040107	EP 2003-291678	20030704
EP 1378544	A3	20040225		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2841901	A1	20040109	FR 2002-8494	20020705
FR 2841901	B1	20060203		
WO 2004005407	A2	20040115	WO 2003-FR2090	20030704
WO 2004005407	A3	20040422		
JP US				
JP 2005532444	T	20051027	JP 2004-518878	20030704
US 2005023300	A1	20050210	US 2004-489855	20040924
PRAI FR 2002-0494	A	20020705		
WO 2003-FR2090	W	20030704		
OS MARPAT 140:78506				
GI				



AB Tetraazapentamethine derivs. having 2 heterocyclic rings such as I are manufactured for dyeing of keratinous fibers with colors that are strong as strong as color formed by oxidative dyeing using dye precursors and that are completely removable by treatment of the colored fibers with a reducing agent. I is manufactured by reaction of EtOH with 1-(2-hydroxyethyl)-2-pyridone hydrate in the presence of alc. oxidase and KH2PO4/K2PO4 at pH 7.

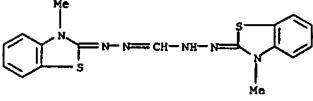
IT 109653-96-59

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)  
 (precursor; tetraazapentamethine derivs. of heterocyclic compds. for dyeing keratinous fibers)

RN 109653-96-5 CAPLUS

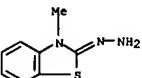
CN Methanehydronic acid, (3-methyl-2(3H)-benzothiazolylidene)-, (3-methyl-2(3H)-benzothiazolylidene)hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



IT 1128-67-2  
 RL: RCT (Reagent); RACT (Reactant or reagent)  
 (precursor; tetraazapentamethine derivs. of heterocyclic compds. for dyeing keratinous fibers)

RN 1128-67-2 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



L5 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2003:372764 CAPLUS  
 DN 138:373844

TI Hair dyes containing derivatives of 2-benzothiazolinone-hydrazone and p-quione  
 IN Pasquier, Cecile; Umlbricht, Gisela; Buclin-Charriere, Veronique; Oberson, Sylviane; Braun, Hans-Juergen  
 PA Wells AG, Germany  
 SO Ger. Offen., 8 pp.  
 CODEN: GWXXBX

DT Patent  
 LA German  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10155907	A1	20030515	DE 2001-10155907	20011114
WO 2003042199	A1	20030522	WO 2002-EP9381	20020822
BR 200206394	A	20040203	BR 2002-6394	20020822
EP 1448510	A1	20040825	EP 2002-772186	20020822
JP 2005509034	T	20050407	JP 2003-544035	20020822
US 2004050124	A1	20040501	US 2003-250847	20030714
US 7070658	B2	20060704		
PRAI DE 2001-10155907	A	20011114		
WO 2002-EP9381	W	20020822		

OS MARPAT 138:373844

AB The invention concerns hair dyes that contain derivs. of 2-benzothiazolinone-hydrazone and p-quione; other dyes can be added to the formulations. Thus a hair dye included (g): Plantazene 2000 4.00; EDTA disodium salt hydrate 0.20; ethanol 5.00; 3-methyl-2-benzothiazolinone-hydrazone hydrochloride hydrate 0.59;

4,5-dimethoxy-1,2-benzoquinone 0.41; ethanol 20; water to 100.

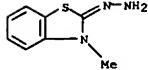
IT 4338-98-1, 3-Methyl-2-benzothiazolinone-hydrazone hydrochloride 524684-56-8 524684-57-9 524684-58-0

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (hair dyes containing derivs. of 2-benzothiazolinone-hydrazone and p-quione)

RN 4338-98-1 CAPLUS

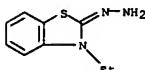
CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



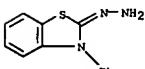
● HCl

RN 524684-56-0 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-ethyl-, hydrazone, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

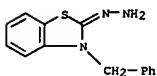
RN 524684-57-9 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-phenyl-, hydrazone, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

RN 524684-58-0 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-(phenylmethyl)-, hydrazone, hydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



● x HCl

L5 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:964159 CAPLUS

DN 138:28936  
 TI Dyeing composition for keratinous fibers comprising a particular dicationic diazo dye

IN Vidal, Laurent  
 PA L'oreal, Fr.  
 SO PCT Int. Appl., 36 pp.  
 CODEN: PIXKD2

DT Patent

LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002100368	A1	20021219	WO 2002-FR1990	20020611

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW	RW: GH, GM, KE, LS, MW, MZ, SD, SL, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG
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FR 2825702	A1	20021213	FR 2001-7614	20010611
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EP 1399117	A1	20040324	EP 2002-760357	20020611
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EP 1399117	B1	20061102		
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR	BR 2002-10997	20020611
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BR 2002010997	A	20040608	BR 2002-10997	20020611
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CN 1541086	A	20041027	CN 2002-815752	20020611
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JP 2005516887	T	20050609	JP 2003-503192	20020611
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AT 344090	T	20061115	AT 2002-760357	20020611
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US 2004143911	A1	20040729	US 2004-480153	20040324
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US 6893471	B2	20050517		
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PRAI FR 2001-7614	A	20010611		
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WO 2002-FR1990	W	20020611		
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OS MARPAT 138:28936				
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AB The invention concerns a dyeing composition for dyeing keratinous fibers, in particular human keratinous fibers and more particularly hair, comprising a dicationic diazo dye as well as the dyeing method using same.				
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IT 478240-16-3				
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RL: RCT (Reactant); RACT (Reactant or reagent)				
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(dyeing composition for keratinous fibers comprising particular dicationic diazo dye)				
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RN 478240-16-3 CAPLUS				
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CN 1H-Imidazolium, 2-[{4-[(1,3-dihydro-1,3-dimethyl-2H-imidazol-2-ylidene)hydrazinolphenyl]azo}-1,3-dimethyl-, perchlorate (9CI) (CA INDEX NAME)				
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CM 1

CRN 478240-15-2

CMF C16 H21 N8



L5 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:220343 CAPLUS

DN 136:267891

TI Hair dyes containing benzoxadiazole, benzothiadiazole and

benzo-selenadiazole derivatives

IN Pasquier, Cecile; Charriere, Veronique; Braun, Hans-Juergen

PA Wella Aktiengesellschaft, Germany

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

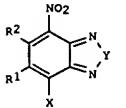
DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002022093	A1	20020321	WO 2001-EP7494	20010629
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
DE 10045600	A1	20020404	DE 2000-10045600	20000915
AU 200181924	A	20020326	AU 2001-81924	20010629
BR 2001007215	A	20020709	BR 2001-7215	20010629
EP 1328244	A1	20030723	EP 2001-960429	20010629
EP 1328244	B1	20061011		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004050389	T	20040318	JP 2002-526346	20010629
AT 342045	T	20061115	AT 2001-960429	20010629
US 2003070239	A1	20030417	US 2002-110116	20020405
US 6773463	B2	20040810		
PRA1 DE 2000-10045600	A	20000915		
WO 2001-EP7494	W	20010629		

GI



AB The invention relates to an agent for coloring fibers (A) which is produced by mixing two components (A1) and (A2) and is characterized in that the component (A1) contains at least one compound of formula (I), wherein X represents a halogen atom, a methoxy group or an ethoxy group;

Y

L5 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1996:661748 CAPLUS

DN 126:41963

TI Determination of ultratrace amounts of copper(II) by its catalytic effect on the oxidative coupling reaction of 3-methyl-2-benzothiazolinone hydrazone with N-ethyl-N-(2-hydroxy-3-sulfopropyl)-3,5-dimethoxyaniline

AU Ohno, Satomi; Teshima, Norio; Watanabe, Tsuyako; Itabashi, Hideyuki; Nakano, Shigenori; Kawashima, Takaji

CS Lab. of Analytical Chem., Univ. of Tsukuba, Tsukuba, 305, Japan

SO Analyst (Cambridge, United Kingdom) (1996), 121(10), 1515-1518

CODEN: ANALAD; ISSN: 0003-2654

PB Royal Society of Chemistry

DT Journal

LA English

AB A spectrophotometric method was developed for the determination of ultratrace

amounts of Cu(II) based on its catalytic effect of the oxidative coupling reaction of 3-methyl-2-benzothiazolinone hydrazone with N-ethyl-N-(2-hydroxy-3-sulfopropyl)-3,5-dimethoxyaniline to produce an intensely colored dye ( $\lambda_{max} = 525$  nm) in the presence of  $H_2O_2$ . In this reaction, the pyridine acted as an effective activator for the catalysis of Cu(II). By measuring the absorbance of the dye, Cu(II) can be determined at the 0.002-0.1 ng cm<sup>-3</sup> level. The relative standard deviation for

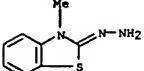
10 determination of 0.06 ng cm<sup>-3</sup> of Cu(II) was 2.6%. The proposed method was successfully applied to the determination of Cu(II) in tap  $H_2O$  and biol. material.

IT 1128-67-2, 3-Methyl-2-benzothiazolinone hydrazone

RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses) (determination of ultratrace amts. of copper(II) by its catalytic effect on the oxidative coupling reaction of 3-methyl-2-benzothiazolinone hydrazone with N-ethyl-N-(2-hydroxy-3-sulfopropyl)-3,5-dimethoxyaniline)

RN 1128-67-2 CAPLUS

CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



L5 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
R represents an oxygen atom, a sulfuric atom or a selenium atom; and R1 and R2 can be identical or different and represent independently from each other hydrogen, a halogen atom, an (C1-C4) alkyl group, an (C1-C4) alkoxy group, a nitro group, an acetamido group or a NRaNRb group whereby the radicals Ra and

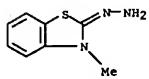
Rb can be identical or different and represent independently from each other hydrogen, an (C1-C4) alkyl group, an optionally substituted carbocycle or an (C1-C4) alkane carbonyl group, or Ra and Rb form together with the nitrogen atom, a heterocyclic (C3-C6) group; and the component (A2) contains at least one compd. from the group comprising amines, aminonitrobenzenes and phenoles. The invention also relates to a method for coloring hair by using the agent and a multiple component kit. Thus a hair dye was prep'd. Component A1 contained (g):

decylpolyglycoside  
aq. soln. (Plantazene 2000) 4.0; EDTA sodium salt hydrate 0.2; water to 100. Components A2 was 0.153 g ethanol amine.

IT 4338-98-1  
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (hair dye containing benzothiazole, benzothiadiazole and benzo-selenadiazole deriv.)

RN 4338-98-1 CAPLUS

CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1982:473897 CAPLUS

DN 97:73897

TI Physicochemical study of phosphorus-containing azo dyes

AU Kormachev, V. V.; Chalykh, S. N.; Chalykh, E. A.; Serebryakova, I. K.; Kolmogorova, S. N.

CS USSR

SO Deposited Doc. (1980), SPSTL 848 khp-D80, 8 pp. Avail.: SPSTL

DT Report

LA Russian

AB A series of 24 azo dyes p-(RO)2P(O)CHPhNHCG6H4N:R1 (R = Me, ClCH2CH2, FCH2CH2; R1 = diazo component residue) was prepared and evaluated for coloristic and fastness properties on various synthetic fibers and wool. The dyes were generally yellow to red, except reddish blue where R1 was a quaternized benzothiazole group, and their fastness was generally best on polyester fibers. The coupling components were prepared

by reaction of HP(O)(OR)2 with PhCH:NPh (538-51-2).

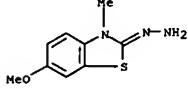
IT 5B307-12-3

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with dialkyl (anilinobenzyl)phosphonates)

RN 5B307-12-3 CAPLUS

CN 2(3H)-Benzothiazolone, 6-methoxy-3-methyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1975:16010G CAPLUS

DN 82:160106

TI Oxidative hair dye

IN Saygin, Ferdi

PA Henkel und Cie. G.m.b.H.

SO Ger. Offen., 11 pp.

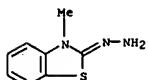
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 2334738	A1	19750130	DE 1973-2334738	19730709
PRAI DE 1973-2334738	A	19730709		
GI For diagram(s), see printed CA Issue.				
AB Forty-four pairs of I (R = H, Me; R1 = H, Cl, Me, OMe, NMe2) as couplers and several N bases as developers are tabulated. They are used by adding 0.01 mole of each to an emulsion of C12-18 fatty alc. 10, C12-18 Na alkyl sulfate 10, and water 75 weight parts, adding NH3 to pH 9.5, the dye being developed by 1% H2O2 (7722-84-1) in 30 min. A wide range of colors can be produced by emulsions, creams, or gels.				
IT 1128-67-2				
RL: B101 (Biological study) (hair dye developer)				
RN 1128-67-2 CAPLUS				
CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)				



L5 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

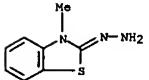
41339-03-1

RL: USES (Uses)

(reaction with hydroxybenzomorpholine)

RN 41338-96-9 CAPLUS

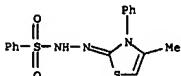
CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

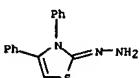
RN 41338-99-2 CAPLUS

CN Benzene-sulfonic acid, (4-methyl-3-phenyl-2(3H)-thiazolylidene)hydrazide (9CI) (CA INDEX NAME)



RN 41339-01-9 CAPLUS

CN 2(3H)-Thiazolone, 3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 41339-03-1 CAPLUS

CN 2H-Benzimidazol-2-one, 1,3-dihydro-1,3-dimethyl-, hydrazone, dihydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1973:99042 CAPLUS

DN 78:99042

TI Diazamerocyanine dyes in hair-coloring media

IN Lang, Gerard; Bugaut, Andre

PA Oreal S. A.

SO Ger. Offen., 50 pp.

CODEN: GWXXBX

DT Patent

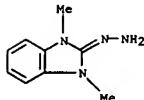
LA German

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 2227214	A	19721214	DE 1972-2227214	19720605
FR 2140205	A1	19730112	FR 1972-19934	19720602
FR 2140205	B1	19771223		
CH 560539	A5	19750415	CH 1972-8234	19720602
CA 1021324	A1	19771122	CA 1972-143789	19720602
IT 982408	B	19741021	IT 1972-68758	19720603
GB 1360562	A	19740717	GB 1972-26204	19720605
US 3985499	A	19761012	US 1975-554701	19750303
GB 1491930	A	19771116	GB 1975-35786	19750829
US 4151162	A	19790424	US 1976-707769	19760722
CA 1020463	A2	19771108	CA 1976-258919	19760811
PRAI LU 1971-63287	A	19710604		
LU 1972-64565	A	19720106		
CA 1972-143789	A3	19720602		
GB 1972-26204	A	19720605		
US 1972-259689	A2	19720605		
LU 1974-70835	A	19740830		
US 1975-554701	A3	19750303		
AB Diazamerocyanine dyes I (R = H, RR1 = CH:CHCH:CH, R1 = H, Me, Ph, R2 = Me, Ph, R3 = substituted 4-imino- or 4-oxo-2,5-cyclohexadien-1-ylidene residue, 1-phenyl-3-methyl-5-oxo-2-pyrazolin-4-ylidene, Q = S, NMe and II and/or their acid salts were prepared and used in hair waving lotions containing cosmetic resins for dyeing hair at pH 3-8. Thus, 4,3-Me(HO)C6H3NH2 and NH4OH in EtOH was added to a solution of 3-methyl-2-benzothiazolinone hydrazone, stirred, and (NH4)2S2O8 was added to give diazamerocyanine dye (III) [39219-05-1]. The other I and II were similarly prepared hair waving lotions were prepared using I and II.)				
IT 1128-67-2				
RL: USES (Uses) (reaction with aminophenols and related compds.)				
RN 1128-67-2 CAPLUS				
CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)				

IT 41338-96-9 41338-99-2 41339-01-9

L5 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



●2 HCl

RN 41339-03-1 CAPLUS

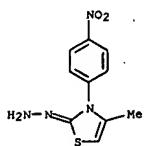
CN 2H-Benzimidazol-2-one, 1,3-dihydro-1,3-dimethyl-, hydrazone, dihydrochloride (9CI) (CA INDEX NAME)



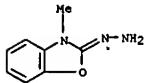


L5 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

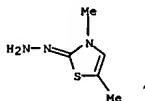
(Continued)



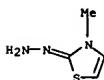
RN 28219-07-0 CAPLUS  
 CN 2(3H)-Benzoxazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-09-2 CAPLUS  
 CN 4-Thiazolin-2-one, 3,5-dimethyl-, hydrazone (8CI) (CA INDEX NAME)



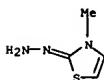
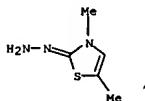
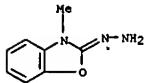
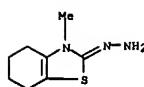
RN 28219-33-2 CAPLUS  
 CN 2(3H)-Thiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-40-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 4,5,6,7-tetrahydro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L5 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)



L5 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(Continued)

AN 1962:8098 CAPLUS

DN 56:8098

OREP 56:1566g-1,1567a

TI Basic dyes

IN Huenig, Siegfried

PA Badische Anilin- &amp; Soda-Fabrik A.-G.

DT Patent

LA Unavailable

PATENT NO. KIND DATE APPLICATION NO. DATE

PI DE 1102316 19610316 DE 1958-B50447 19580923

AB Valuable basic dyes for tanned cotton, wool, and polyacrylonitrile fibers are obtained by coupling ring-substituted tetrazolin-5-one hydrazones oxidatively with azo, azomethine, or indophenol dy coupling components. 1-Phenyl-4-methyltetrazole-5-thione quaternized with Me<sub>2</sub>SO<sub>4</sub> and treated with 80% aqueous NH<sub>4</sub>H and then with HCl,

the resulting 1-phenyl-4-methyltetrazole-5-one hydrazone-HCl 11.4 and p-AcNHCH<sub>2</sub>4NHPh in MeOH 250 treated during 0.5 hr. with stirring with (NH<sub>4</sub>)<sub>2</sub>S<sub>2</sub>O<sub>8</sub> 28.0 in H<sub>2</sub>O 100, stirred 2 hrs., diluted with H<sub>2</sub>O 500 and concentrated

NH<sub>4</sub>OH 100, and extracted with CHCl<sub>3</sub> 250, and the extract worked up gave the red

anhydride, 18 parts, of the base which can be converted with aqueous NaClO<sub>4</sub> to

the dye salt. 1-Methyl-5-methylthiotetrazole quaternized with Me<sub>2</sub>SO<sub>4</sub>, treated with BzNNH<sub>2</sub>, hydrolyzed, and treated with HCl, the resulting 1,4-dimethyltetrazole-5-one hydrazone-HCl 58 and 2,1-PhNH<sub>2</sub>C(HO)C<sub>10</sub>H<sub>6</sub> 66 in

MeOH 7500 and H<sub>2</sub>O 2500 adjusted with dilute NH<sub>4</sub>OH to pH 8, treated with stirring with K<sub>3</sub>Fe(CN)<sub>6</sub> 340, H<sub>2</sub>O 1250, and concentrated NH<sub>4</sub>OH 250, stirred 0.5

hr., diluted with H<sub>2</sub>O 2500, and filtered, and the light red residue dried and recrystd. from (CH<sub>2</sub>Cl)<sub>2</sub> gave a red dye 48 parts, m. 266° (decomposition).

IT 88394-91-6, 2-Tetrazolin-5-one, 1,4-dimethyl-, hydrazone

hydrochloride

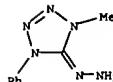
(dye from 1-hydroxy-2-naphthalanilide and)

RN 88394-91-6 CAPLUS

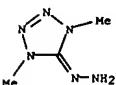
CN 2-Tetrazolin-5-one, 1,4-dimethyl-, hydrazone, hydrochloride (7CI) (CA INDEX NAME)

L5 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2007 ACS on STN

(CA INDEX NAME)



● x HCl



● x HCl

IT 94626-12-7, 2-Tetrazolin-5-one, 1-methyl-4-phenyl-, hydrazone

hydrochloride

(dye from 4'-anilinoacetanilide and)

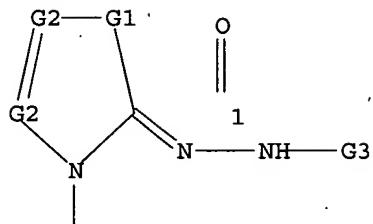
RN 94626-12-7 CAPLUS

CN 2-Tetrazolin-5-one, 1-methyl-4-phenyl-, hydrazone, hydrochloride (7CI)

10/579,926

Page 45

=> => d que 16 stat  
L1 STR



G1 O,S,N

G2 C,N

G3 SO<sub>2</sub>,H,[@1]

Structure attributes must be viewed using STN Express query preparation.

L3 2547 SEA FILE=REGISTRY SSS FUL L1  
L4 1280 SEA FILE=CAPLUS ABB=ON PLU=ON L3  
L5 20 SEA FILE=CAPLUS ABB=ON PLU=ON L4 AND (KERATIN OR HAIR OR  
SILK OR WOOL),  
L6 1 SEA FILE=CAPLUS ABB=ON PLU=ON L5 AND ENAMINE

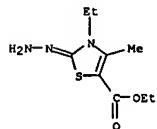
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L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:588631 CAPLUS  
 DN 143:102802

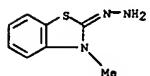
TI Oxidative hair dyes containing heterocyclical hydrazone derivatives and aromatic enamines  
 IN Pasquier, Cecile; Bucelin, Veronique; Kiener, Caroline; Duc-Reichlin, Nadja; Braun, Hans-Juergen  
 PA Weila Aktiengesellschaft, Germany  
 SO PCT Int. Appl., 45 pp.  
 DT Patent  
 LA German  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 200506928	A1	20050707	WO 2004-EPI12942	20041115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DN, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, S2, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, C2, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10358878	A1	20050721	DE 2003-10358878	20031216
EP 1699427	A1	20060913	EP 2004-797906	20041115
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
US 2007067927	A1	20070329	US 2006-579926	20060519
PRAI DE 2003-10358878	A	20031216		
WO 2004-EPI2942	W	20041115		
OS MARPAT 143:102802				
AB The invention concerns ready-to-use oxidative hair dyes composed of (i) heterocyclical hydrazone; (ii) aromatic enamines or their acid addition salts; (iii) oxidizing agents. Optionally, direct dyes can be added. The invention also relates to a multicomponent kit and to a method for dying hair. Thus 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride synthesized starting from 4-methyl-3-thiosemicarbazide and chloroacetone. Component A of a hair dye composition contained (g): decetylglucose 50%; aqueous solution 4.0%; EDTA disodium hydrate 0.2%; ethanol 5.0%; 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride 0.43%; water to 100. Component B included (g) 1,2,3,3,-tetramethyl-3H-indolium-hydrogen sulfate 0.68%; potassium persulfate.				
IT 1128-67-2 3161-77-1 3316-70-9				
4338-98-1 15315-48-7 20065-04-7				
20065-05-8 20065-06-9 20125-57-9				
21817-85-2 21817-86-7 21817-87-8				
21817-88-9 21817-89-0 21817-90-3				
21817-91-4 21817-92-5 21882-34-8				
27893-83-0 27893-84-1 27893-86-3				

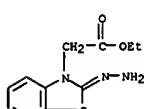
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
 CN 5-Thiazolecarboxylic acid, 3-ethyl-2-hydrazone-2,3-dihydro-4-methyl-, ethyl ester (9CI) (CA INDEX NAME)



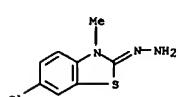
RN 4338-98-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone, monohydrochloride (9CI) (CA INDEX NAME)



● HC1  
 RN 15315-48-7 CAPLUS  
 CN 3(2H)-Benzothiazoleacetic acid, 2-hydrazone-, ethyl ester (9CI) (CA INDEX NAME)



RN 20065-04-7 CAPLUS  
 CN 2(3H)-Benzothiazolone, 6-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

27893-88-5 28025-80-3 28218-89-5

28218-90-2 28218-93-1 28218-95-3

28219-33-2 28219-40-1 33167-57-6

33167-60-1 41339-01-9 51769-42-7

60448-01-3 64071-37-0 64071-38-1

64073-66-1 67644-68-2 67644-69-3

68746-10-1 68746-11-2 71176-53-9

76411-65-9 81402-80-4 94267-65-3

104410-33-5 108129-92-6 109126-25-2

109514-20-7 11026-87-4 11026-89-6

110274-77-6 11427-05-5 11427-06-6

114098-30-3 114252-53-8 117043-63-7

130252-23-2 138485-20-8 138485-21-9

138485-22-0 139262-46-7 157559-65-5

185454-77-7 200630-28-0 215249-36-8

382627-87-4 383411-41-4 64075-28-8

652250-45-6 716589-93-8 753027-71-3

753027-72-4 753027-75-7 753027-76-0

753027-77-9 753027-78-0 753027-79-1

753027-81-3 753027-82-6 753027-83-7

753027-84-8 753027-85-9 753027-86-0

753027-87-1 753027-88-2 753027-89-3

753027-90-6 753027-91-7 753027-92-8 75302

7-94-0 856415-54-0

RK: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(oxidative hair dye contg. heterocyclical hydrazone derivs. and arom. enamines)

RN 1128-67-2 CAPLUS

CN 2(3H)-Benzothiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)

RN 3161-77-1 CAPLUS

CN 5-Thiazolecarboxylic acid, 2-hydrazone-2,3-dihydro-3,4-dimethyl-, ethyl ester (9CI) (CA INDEX NAME)

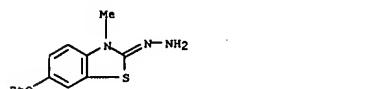


RN 3316-70-9 CAPLUS

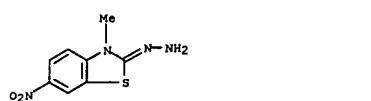
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

RN 20065-05-8 CAPLUS

CN 2(3H)-Benzothiazolone, 6-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

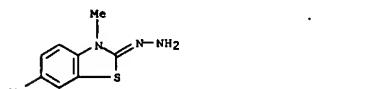


RN 20065-06-9 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-methyl-6-nitro-, hydrazone (9CI) (CA INDEX NAME)



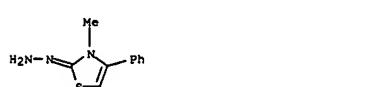
RN 20125-57-9 CAPLUS

CN 2(3H)-Benzothiazolone, 3,6-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-85-6 CAPLUS

CN 2(3H)-Thiazolone, 3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

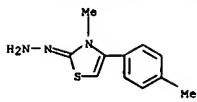


RN 21817-86-7 CAPLUS

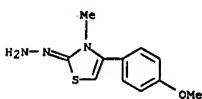
CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

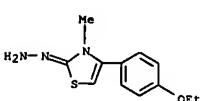
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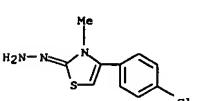
RN 21817-87-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-88-9 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-ethoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



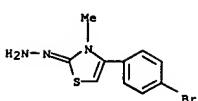
RN 21817-89-0 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



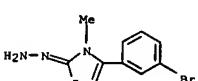
RN 21817-90-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

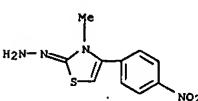
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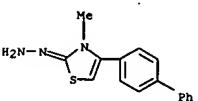
RN 21817-91-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-bromophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 21817-92-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-nitrophenyl)-, hydrazone (9CI) (CA INDEX NAME)



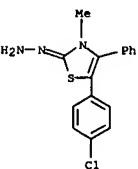
RN 21882-34-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-4-yl-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



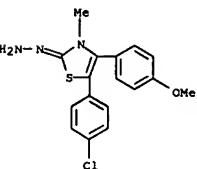
RN 27893-83-0 CAPLUS  
CN 2(3H)-Thiazolone, 5-(4-chlorophenyl)-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

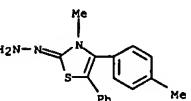
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RN 27893-84-1 CAPLUS  
CN 2(3H)-Thiazolone, 5-(4-chlorophenyl)-4-(4-methoxyphenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



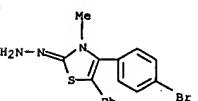
RN 27893-86-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4-(4-methylphenyl)-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)



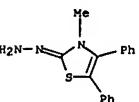
RN 27893-88-5 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-bromophenyl)-3-methyl-5-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

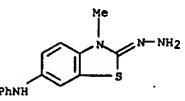
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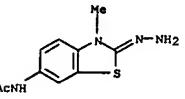
RN 28029-80-3 CAPLUS  
CN 2(3H)-Thiazolone, 3-methyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28218-89-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-6-(phenylamino)-, hydrazone (9CI) (CA INDEX NAME)



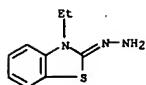
RN 28218-90-8 CAPLUS  
CN Acetamide, N-(2-hydrazono-2,3-dihydro-3-methyl-6-benzothiazolyl)- (9CI) (CA INDEX NAME)



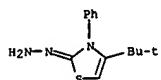
RN 28218-93-1 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-ethyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

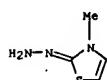
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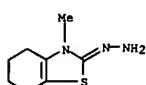
RN 28218-95-3 CAPLUS  
 CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 28219-33-2 CAPLUS  
 CN 2(3H)-Thiazolone, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



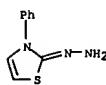
RN 28219-40-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 4,5,6,7-tetrahydro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



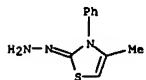
RN 33167-57-6 CAPLUS  
 CN 2(3H)-Thiazolone, 3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

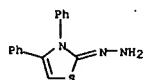
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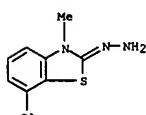
RN 33167-60-1 CAPLUS  
 CN 2(3H)-Thiazolone, 4-methyl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 41339-01-9 CAPLUS  
 CN 2(3H)-Thiazolone, 3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



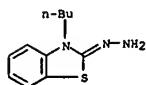
RN 51769-42-7 CAPLUS  
 CN 2(3H)-Benzothiazolone, 7-chloro-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



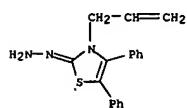
RN 60448-01-3 CAPLUS  
 CN 2(3H)-Benzothiazolone, 3-butyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

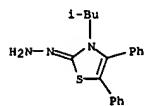
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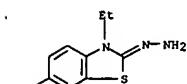
RN 64071-37-0 CAPLUS  
 CN 2(3H)-Thiazolone, 4,5-diphenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 64071-38-1 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(2-methylpropyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



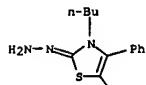
RN 64873-66-1 CAPLUS  
 CN 2(3H)-Benzothiazolone, 6-ethoxy-3-ethyl-, hydrazone (9CI) (CA INDEX NAME)



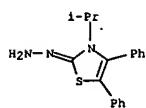
RN 67644-68-2 CAPLUS  
 CN 2(3H)-Thiazolone, 3-butyl-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

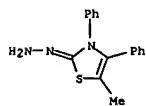
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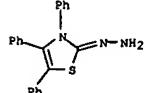
RN 67644-69-3 CAPLUS  
 CN 2(3H)-Thiazolone, 3-(1-methylethyl)-4,5-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 68746-10-1 CAPLUS  
 CN 2(3H)-Thiazolone, 5-methyl-3,4-diphenyl-, hydrazone (9CI) (CA INDEX NAME)



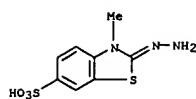
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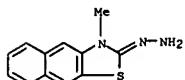
RN 71176-53-9 CAPLUS  
 CN 6-Benzothiazolesulfonic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

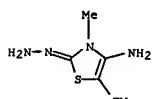
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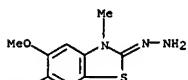
RN 76411-65-9 CAPLUS  
CN Naphtho[2,3-d]thiazol-2(3H)-one, 3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 81402-80-4 CAPLUS  
CN 5-Thiazolecarboxonitrile, 4-amino-2-hydrazone-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



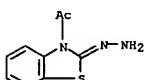
RN 94267-69-3 CAPLUS  
CN 2(3H)-Benzothiazolone, 5,6-dimethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



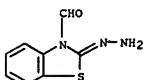
RN 104410-33-5 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-propyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

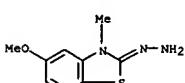
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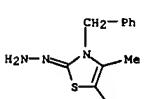
RN 110226-89-6 CAPLUS  
CN 3(2H)-Benzothiazolecarboxaldehyde, 2-hydrazone- (9CI) (CA INDEX NAME)



RN 110274-77-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 5-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)

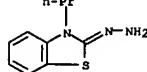


RN 111427-05-5 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-dimethyl-3-(phenylmethyl)-, hydrazone (9CI) (CA INDEX NAME)

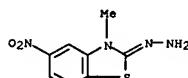


RN 111427-06-6 CAPLUS  
CN 2(3H)-Thiazolone, 3-ethyl-4,5-dimethyl-, hydrazone (9CI) (CA INDEX NAME)

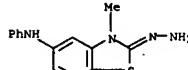
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



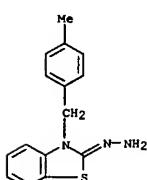
RN 108129-92-6 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-nitro-, hydrazone (9CI) (CA INDEX NAME)



RN 109126-25-2 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-methyl-5-(phenylamino)-, hydrazone (9CI) (CA INDEX NAME)



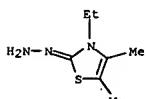
RN 109514-20-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-[(4-methylphenyl)methyl]-, hydrazone (9CI) (CA INDEX NAME)



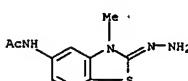
RN 110226-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-acetyl-, 2-hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

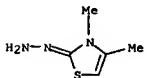
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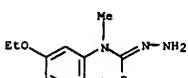
RN 114098-30-5 CAPLUS  
CN Acetamide, N-(2-hydrazone-2,3-dihydro-3-methyl-5-benzothiazolyl)- (9CI) (CA INDEX NAME)



RN 114252-53-8 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone (9CI) (CA INDEX NAME)



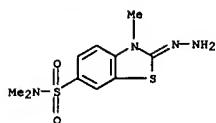
RN 117043-63-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 5-ethoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



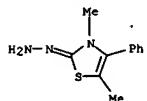
RN 130252-23-2 CAPLUS  
CN 6-Benzothiazolesulfonamide, 2-hydrazone-2,3-dihydro-N,N,3-trimethyl- (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

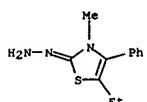
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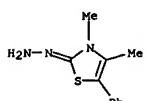
RN 138405-20-8 CAPLUS  
CN 2(3H)-Thiazolone, 3,5-dimethyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)



RN 138405-21-9 CAPLUS  
CN 2(3H)-Thiazolone, 5-ethyl-3-methyl-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)

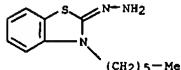


RN 138405-22-0 CAPLUS  
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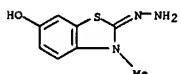


RN 139262-46-7 CAPLUS  
CN 2(3H)-Thiazolone, 4,5-diphenyl-3-propyl-, hydrazone (9CI) (CA INDEX NAME)

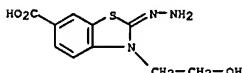
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



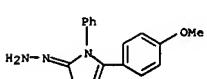
RN 382627-87-4 CAPLUS  
CN 2(3H)-Benzothiazolone, 6-hydroxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



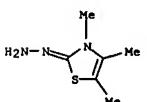
RN 383411-41-4 CAPLUS  
CN 6-Benzothiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-3-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



RN 676475-28-8 CAPLUS  
CN 2(3H)-Thiazolone, 4-(4-methoxyphenyl)-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

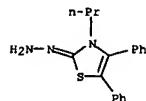


RN 692250-45-6 CAPLUS  
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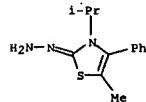


RN 718589-95-8 CAPLUS

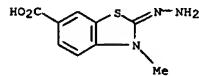
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



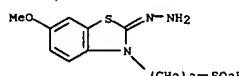
RN 157559-65-4 CAPLUS  
CN 2(3H)-Thiazolone, 5-methyl-3-(1-methylethyl)-4-phenyl-, hydrazone (9CI) (CA INDEX NAME)



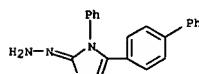
RN 185454-77-7 CAPLUS  
CN 6-Benzothiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



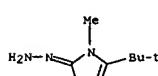
RN 200630-28-0 CAPLUS  
CN 3(2H)-Benzothiazolepropanesulfonic acid, 2-hydrazono-6-methoxy- (9CI) (CA INDEX NAME)



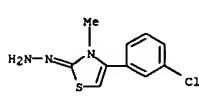
RN 215249-36-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-hexyl-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
CN 2(3H)-Thiazolone, 4-[1,1'-biphenyl]-4-yl-3-phenyl-, hydrazone (9CI) (CA INDEX NAME)

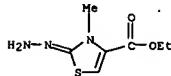
RN 753027-71-3 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-72-4 CAPLUS  
CN 2(3H)-Thiazolone, 4-(3-chlorophenyl)-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



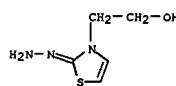
RN 753027-75-7 CAPLUS  
CN 4-Thiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-3-methyl-, ethyl ester (9CI) (CA INDEX NAME)



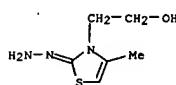
RN 753027-76-8 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

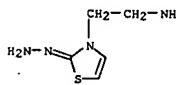
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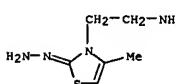
RN 753027-77-9 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-hydroxyethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-78-0 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)



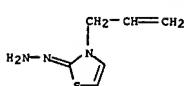
RN 753027-79-1 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-aminoethyl)-4-methyl-, hydrazone (9CI) (CA INDEX NAME)



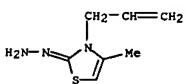
RN 753027-81-5 CAPLUS  
CN 2(3H)-Thiazolone, 3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

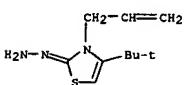
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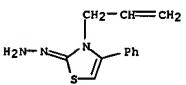
RN 753027-82-6 CAPLUS  
CN 2(3H)-Thiazolone, 4-methyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-83-7 CAPLUS  
CN 2(3H)-Thiazolone, 4-(1,1-dimethylethyl)-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



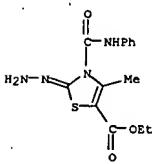
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CN 2(3H)-Thiazolone, 4-phenyl-3-(2-propenyl)-, hydrazone (9CI) (CA INDEX NAME)



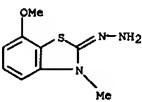
RN 753027-85-9 CAPLUS  
CN 5-Thiazolecarboxylic acid, 2-hydrazono-2,3-dihydro-4-methyl-3-[(phenylamino)carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

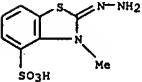
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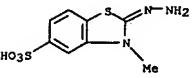
RN 753027-86-0 CAPLUS  
CN 2(3H)-Benzothiazolone, 7-methoxy-3-methyl-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-87-1 CAPLUS  
CN 4-Benzothiazolesulfonic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)



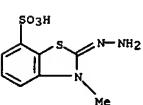
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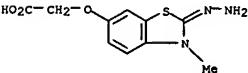
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CN 7-Benzothiazolesulfonic acid, 2-hydrazono-2,3-dihydro-3-methyl- (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

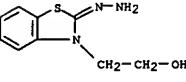
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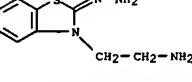
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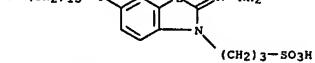
RN 753027-91-7 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-hydroxyethyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 753027-92-8 CAPLUS  
CN 2(3H)-Benzothiazolone, 3-(2-aminoethyl)-, hydrazone (9CI) (CA INDEX NAME)

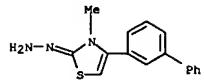


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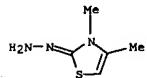


RN 856415-54-8 CAPLUS  
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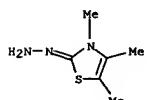
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
(Continued)  
INDEX NAME)



IT 68746-04-3P 68746-06-5P  
RL: COS (Cosmetic use); PRP (Properties); SPN (Synthetic preparation);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(oxidative hair dyes containing heterocyclical hydrazone derivs.  
and aromatic enamines)  
RN 68746-04-3 CAPLUS  
CN 2(3H)-Thiazolone, 3,4-dimethyl-, hydrazone, hydrochloride (9CI) (CA  
INDEX  
NAME)



●x HCl  
RN 68746-06-5 CAPLUS  
CN 2(3H)-Thiazolone, 3,4,5-trimethyl-, hydrazone, hydrochloride (9CI) (CA  
INDEX NAME)



●x HCl  
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> => d que l13 stat

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L8	9 SEA FILE=CAPLUS ABB=ON	PLU=ON	"BUCLIN VERONIQUE"/AU
L9	11 SEA FILE=CAPLUS ABB=ON	PLU=ON	"KIENER CAROLINE"/AU
L10	9 SEA FILE=CAPLUS ABB=ON	PLU=ON	("DUC REICHLIN NADIA"/AU OR "DUC REICHLIN NADJA"/AU)
L11	142 SEA FILE=CAPLUS ABB=ON	PLU=ON	"BRAUN HANS JUERGEN"/AU
L12	158 SEA FILE=CAPLUS ABB=ON	PLU=ON	L7 OR L8 OR L9 OR L10 OR L11 L12 AND HYDRAZONE
L13	8 SEA FILE=CAPLUS ABB=ON	PLU=ON	

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L13 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006-922185 CAPLUS

DN 145:320760

TI Heterocyclic hydrazone and quinone compositions for coloring

keratin fibers

IN Pasquier, Cecile; Duc-Reichlin, Nadja; Braun,

Hans-Juergen

PA The Procter &amp; Gamble Company, USA; Wella Aktien Gesellschaft

SO PCT Int. Appl., 30pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006094217	A2	20060908	WO 2006-US7685	20060302
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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, CG, CL, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, OM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1754514	A1	20070221	EP 2005-4620	20050303
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HU, LV, MK, YU				
US 2007000073	A1	20070104	US 2006-366233	20060302
PRAI EP 2005-4620	A	20050303		

OS MARPAT 145:320760

AB The present invention provides an agent for coloring keratin fibers which comprises at least one heterocyclic hydrazone derivative and at least one ortho-quinone of the formula or para-quinone of the formula and a method of coloring hair using this agent. A first component of a composition contained 3,4-dimethyl-2(3H)-thiazolone hydrazone-HCl and a second component contained 4,5-dimethoxy-3,5-cyclohexadiene-1,2-dione. This composition gave an intense red color to hair.

L13 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)  
in AcCN is used for dyeing hair in light yellow color in non-oxidative compon. contng. 2.5 mmol of this dye, 5.0 g of ethanol, 4.0 g of decyl polyglucoside, 0.2 g of ethylenediamine tetraacetic acid disodium salt hydrate and 100 g of water.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:979707 CAPLUS

DN 143:287904

TI Cationic heteroaryl azine dyes and colorants for keratin fibers containing

said compounds.

IN Speckbacher, Markus; Braun, Hans-Juergen

PA Wella Aktiengesellschaft, Germany

SO PCT Int. Appl., 48 pp.

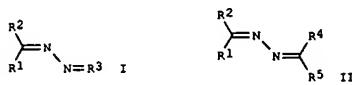
CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005083009	A1	20050909	WO 2004-EP13705	20041202
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, CZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LN, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TZ, TM, TN, TR, TT, T2, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, RI, SE, SI, SK, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004009782	A1	20050915	DE 2004-102004009782	20041228
EP 1718705	A1	20061108	EP 2004-803447	20041202
R: AT, BE, CH, DE, DK, EE, ES, FI, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IS, SI, LT, FI, RO, ES, CY, TR, BG, CG, EE, HU, PL, SK, IS				
PRAI DE 2004-102004009782 A	A	20040228		
WO 2004-EP13705	W	20041202		
OS MARPAT 143:287904				
GI				



AB Cationic heteroaryl azine dyes I and II ( $R_1 - R_4$  = optionally substituted heteroaryl) useful for non-oxidative dyeing keratin fibers, especially hair are prepared by condensation of hydrazones with heterocyclic aldehydes and alkylation (quaternization) of the resulting compds. Thus, 1-(2-hydroxyethyl)-3-[ $(Z)$ -2-(3-methyl-1,3-benzothiazol-2(3H)-ylidene)hydrazeno]methyl[pyridinium bromide prepared by quaternizing nicotinaldehyde [ $(Z)$ -2-(3-methyl-1,3-benzothiazol-2(3H)-ylidene)hydrazone (prepared by reacting 1.50 g of 2,3-dihydro-3-methyl-2-benzothiazolone hydrazone hydrochloride with 0.69 g of 3-pyridinecarboxaldehyde in acetic acid at room temperature] with bromomethanol

L13 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:588631 CAPLUS

DN 143:102802

TI Oxidative hair dyes containing heterocyclic hydrazone derivatives and aromatic enamines

IN Pasquier, Cecile; Buclin, Veronique; Kiener, Caroline; Duc-Reichlin, Nadja; Braun, Hans-Juergen

PA Wella Aktiengesellschaft, Germany

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 200506928	A1	20050707	WO 2004-EP12942	20041115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, CZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LN, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TZ, TM, TN, TR, TT, T2, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10358878	A1	20050721	DE 2003-10358878	20031216
EP 1699427	A1	20060913	EP 2004-797906	20041115
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, C2, EE, HU, PL, SK, IS				
US 2007067927	A1	20070329	US 2006-579926	20060519
PRAI DE 2003-1035878	A	20031216		
WO 2004-EP12942	W	20041115		
OS MARPAT 143:102802				

AB The invention concerns ready-to-use oxidative hair dyes composed of (i) heterocyclic hydrazone; (ii) aromatic enamines or their acid addition salts; (iii) oxidizing agents. Optionally, direct dyes can be added. The invention also relates to a multicomponent kit and to a method for dying hair. Thus 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride synthesized starting from 4-methyl-3-thiosemicarbazide and chloroacetone. Component A of a hair dye composition contained (g): decylpolyglucoside 50% aqueous solution 4.00; EDTA disodium hydrate 0.20; ethanol

5.00; 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride 0.43; water to 100. Component B included (g) 1,2,3,3,-tetramethyl-3H-indolium-hydrogen sulfate 0.66; potassium persulfate.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:588629 CAPLUS

DN 143:102601

TI Oxidative hair dyes containing heterocyclical hydrazone

derivatives

IN Pasquier, Cecile; Buclin, Veronique; Kiener,

Goddard, Duc-Reichlin, Nadja; Braun, Hans-Juergen

PA Wella Anteingesellschaft, Germany

SO PCT Int. Appl., 43 pp.

CODEN: PIXAD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005060927	A1	20050707	WO 2004-EPI2941	20041115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, T2, UG, ZM, ZW, AM, AZ, BY, CG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, ES, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG	DE 10358883	A1	20050721
EP 1699426	A1	20060913	EP 2004-797905	20041115
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS	DE 2003-10358883	A	20031216	WO 2004-EPI2941
PRAI DE 2003-102901	W	20041115		
OS MARPAT 141:102901				
AB The invention concerns oxidative hair dyes composed of (i) heterocyclical hydrazone derivs.; (ii) CH-active compds.; (iii) oxidizing agents. Optionally, direct dyes can be added. Thus 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride synthesized starting from 4-methyl-3-thiosemicarbazide and chloroacetone. Component A of a hair dye composition contained (g): decylpolyglucose 50% aqueous solution 4.00; EDTA disodium hydrate 0.20; ethanol 5.00; 3,4-dimethyl-2(3H)-thiazolone-hydrazone hydrochloride 0.43; water to 100. Component B included (g): thiobarbituric acid 0.36; potassium persulfate 0.40.				
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD				
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

PRAI DE 2003-10309523

WO 2004-EP12941

W 20041115

DE 10358883

A 20031216

EP 1699426

A1 20060913

DE 2003-10358883

A 20031216

L13 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2003-373844 CAPLUS  
 DN 138:373844

TI Hair dyes containing derivatives of 2-benzothiazolinone-hydrazone  
 and p-quinone

IN Pasquier, Cecile; Umbrecht, Gisela; Buclin-Charriere, Veronique;  
 Oberzon, Sylviane; Braun, Hans-Juergen

PA Wella AG, Germany

SO Ger. Offen. 8 pp.

CODEN: GFXXBX

DT Patent

LA German

PAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 10155907	A1	20030515	DB 2001-10155907	20011114
WO 2003042199	A1	20030522	WO 2002-EP9381	20020822
W: AS, AG, AL, AW, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MN, MO, MG, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UR, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, S2, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
BR 2002006394	A	20040203	BR 2002-6394	20020822
EP 1448540	A1	20040825	EP 2002-772186	20020822
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, NO, MK, CY, AL, TR, BG, CZ, EE, SK				
JP 2005509034	T	20050407	JP 2003-544035	20020822
US 2004060124	A1	20040401	US 2003-250847	20030714
US 7070638	B2	20060704		
PRAI DE 2001-10155907	A	20011114		
WO 2002-EP9381	W	20020822		

OS MARPAT 138:373844

AB The invention concerns hair dyes that contain derivs. of  
 2-benzothiazolinone-hydrazone and p-quinone; other dyes can be  
 added to the formulations. Thus, a hair dye included (g): Plantaren 2000  
 4.00; EDTA disodium salt hydrate 0.20; ethanol 5.00; 3-methyl-2-  
 benzothiazolinone-hydrazone hydrochloride hydrate 0.59;  
 4,5-dimethoxy-1,2-benzoquinone 0.41; ethanol 20; water to 100.

=> d his full

(FILE 'HOME' ENTERED AT 14:46:35 ON 09 APR 2007)

FILE 'REGISTRY' ENTERED AT 14:46:47 ON 09 APR 2007

L1           STRUCTURE UPLOADED  
 L2        50 SEA SSS SAM L1  
 L3        2547 SEA SSS FUL L1

FILE 'CAPLUS' ENTERED AT 14:47:55 ON 09 APR 2007

L4        1280 SEA ABB=ON PLU=ON L3  
 L5        20 SEA ABB=ON PLU=ON L4 AND (KERATIN OR HAIR OR SILK OR WOOL)  
         D QUE L5 STAT  
         D 1-20 BIB ABS HITSTR  
         D 12 IND  
 L6        1 SEA ABB=ON PLU=ON L5 AND ENAMINE  
         D QUE L6 STAT  
         D BIB ABS HITSTR  
         E PASQUIER CECILE/AU  
 L7        32 SEA ABB=ON PLU=ON "PASQUIER CECILE"/AU  
         E BUCLIN VERONIQUE/AU  
 L8        9 SEA ABB=ON PLU=ON "BUCLIN VERONIQUE"/AU  
         E KIENER CAROLINE/AU  
 L9        11 SEA ABB=ON PLU=ON "KIENER CAROLINE"/AU  
         E DUC REICHLIN NADJA/AU  
 L10      9 SEA ABB=ON PLU=ON ("DUC REICHLIN NADIA"/AU OR "DUC REICHLIN  
           NADJA"/AU)  
         E BRAUN HANS JUERGEN/AU  
 L11      142 SEA ABB=ON PLU=ON "BRAUN HANS JUERGEN"/AU  
 L12      158 SEA ABB=ON PLU=ON L7 OR L8 OR L9 OR L10 OR L11  
 L13      8 SEA ABB=ON PLU=ON L12 AND HYDRAZONE  
         D QUE L13 STAT  
         D 1-8 BIB ABS

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 DICTIONARY FILE UPDATES:    8 APR 2007   HIGHEST RN 929518-97-8

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